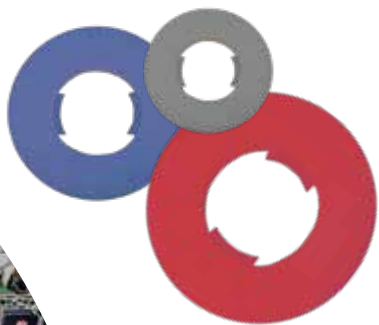




# FASTENERS





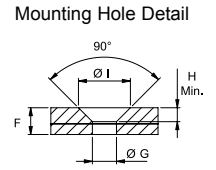
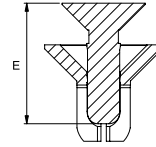
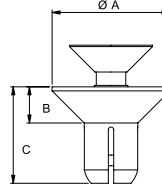
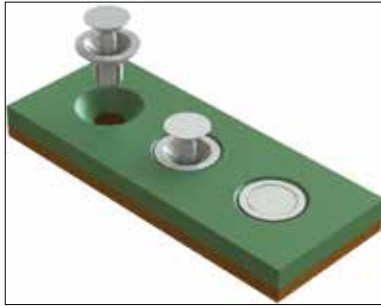
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# FASTENERS



# SNAP RIVETS

## SRCS Series Countersunk Snap Rivets



**Specifications:**

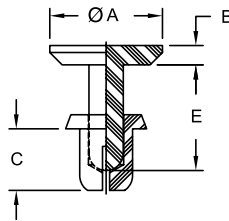
- Material: UL94 V-2 Nylon 6
- Color: See Table

**Features:**

- Countersunk design for flush surface
- Tamper resistant design
- Accommodates countersunk hole specification DIN ISO 7721

Item No.	Ø Hole	Total Holding Thickness F		Ø A		B		C		E		H Min.		Ø I		Bulk Pack Qty.		
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			
SRCS-4060B	SRCS-4060W	0.16 - 0.17	4.1 - 4.2	0.14 - 0.18	3.5 - 4.5	0.35	8.8	0.11	2.7	0.24	6.0	0.28	7.1	0.10	2.6	0.37	9.4	1000
SRCS-4070B	SRCS-4070W	0.16 - 0.17	4.1 - 4.2	0.18 - 0.22	4.5 - 5.5	0.35	8.8	0.11	2.7	0.28	7.2	0.35	9.0	0.10	2.6	0.37	9.4	1000
SRCS-4080B	SRCS-4080W	0.16 - 0.17	4.1 - 4.2	0.22 - 0.26	5.5 - 6.5	0.35	8.8	0.11	2.7	0.32	8.0	0.35	9.0	0.10	2.6	0.37	9.4	1000
SRCS-4090B	SRCS-4090W	0.16 - 0.17	4.1 - 4.2	0.26 - 0.30	6.5 - 7.5	0.35	8.8	0.11	2.7	0.35	9.0	0.43	11.0	0.10	2.6	0.37	9.4	1000
SRCS-4100B	SRCS-4100W	0.16 - 0.17	4.1 - 4.2	0.30 - 0.34	7.5 - 8.5	0.35	8.8	0.11	2.7	0.39	10.0	0.43	11.0	0.10	2.6	0.37	9.4	1000
SRCS-5065B	SRCS-5065W	0.20 - 0.21	5.1 - 5.2	0.14 - 0.18	3.5 - 4.5	0.35	8.8	0.11	2.7	0.26	6.5	0.35	8.5	0.10	2.6	0.41	10.4	1000

## SRH Series Snap Rivets, H-Type



**Specifications:**

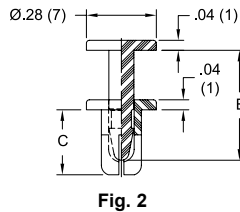
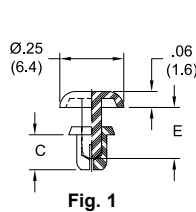
- Material: UL94 V-2 Nylon 6
- Color: Black

**Features:**

- Flat head design eases assembly and disassembly
- Installed easily by hand

Item No.	Ø Hole		Total Holding Thickness		Ø A		B		C		E		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
SRH-3035	0.122 - 0.126	3.1 - 3.2	0.039 - 0.079	1.0 - 2.0	0.252	6.4	0.039	1.0	0.14	3.5	0.26	6.5	1000
SRH-3045	0.122 - 0.126	3.1 - 3.2	0.079 - 0.118	2.0 - 3.0	0.252	6.4	0.039	1.0	0.18	4.5	0.26	6.5	1000
SRH-3055	0.122 - 0.126	3.1 - 3.2	0.118 - 0.157	3.0 - 4.0	0.252	6.4	0.039	1.0	0.22	5.6	0.26	6.5	1000
SRH-3065	0.122 - 0.126	3.1 - 3.2	0.157 - 0.197	4.0 - 5.0	0.236	6.0	0.039	1.0	0.26	6.5	0.39	10.0	1000
SRH-3080	0.122 - 0.126	3.1 - 3.2	0.197 - 0.256	5.0 - 6.5	0.236	6.0	0.039	1.0	0.31	8.0	0.39	10.0	1000
SRH-3090	0.122 - 0.126	3.1 - 3.2	0.256 - 0.295	6.5 - 7.5	0.252	6.4	0.039	1.0	0.35	9.0	0.47	12.0	1000
SRH-3100	0.122 - 0.126	3.1 - 3.2	0.295 - 0.335	7.5 - 8.5	0.252	6.4	0.039	1.0	0.39	10.0	0.47	12.0	1000
SRH-3535	0.142 - 0.146	3.6 - 3.7	0.047 - 0.083	1.2 - 2.1	0.252	6.4	0.039	1.0	0.14	3.5	0.26	6.5	1000
SRH-3545	0.142 - 0.146	3.6 - 3.7	0.087 - 0.122	2.2 - 3.1	0.252	6.4	0.039	1.0	0.18	4.5	0.26	6.5	1000
SRH-3555	0.142 - 0.146	3.6 - 3.7	0.118 - 0.157	3.0 - 4.0	0.236	6.0	0.039	1.0	0.22	5.5	0.39	10.0	1000
SRH-3560	0.142 - 0.146	3.6 - 3.7	0.138 - 0.177	3.5 - 4.5	0.236	6.0	0.039	1.0	0.24	6.0	0.39	10.0	1000
SRH-3570	0.142 - 0.146	3.6 - 3.7	0.177 - 0.217	4.5 - 5.5	0.236	6.0	0.039	1.0	0.28	7.0	0.39	10.0	1000
SRH-3580	0.142 - 0.146	3.6 - 3.7	0.217 - 0.256	5.5 - 6.5	0.236	6.0	0.039	1.0	0.31	8.0	0.39	10.0	1000

## SRP Series High Temperature Snap Rivet



**Specifications:**

- Material: UL94 V-1 Polysulfone
- Color: Black

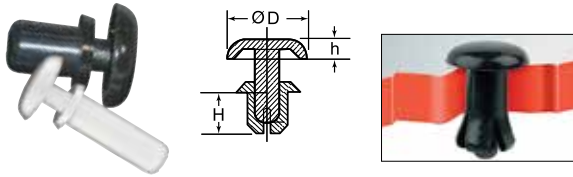
**Features:**

- Withstands temperatures up to 311°F (155°C)

Item No.	Ø Hole		Total Holding Thickness		C		E		Fig. No.	Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm		
SRP-3045	0.122 - 0.126	3.1 - 3.2	0.059 - 0.098	1.5 - 2.5	0.18	4.5	0.24	6.1	1	1000
SRP-3055	0.122 - 0.126	3.1 - 3.2	0.098 - 0.138	2.5 - 3.5	0.22	5.5	0.24	6.1	1	1000
SRP-4065	0.157 - 0.165	4.0 - 4.2	0.138 - 0.177	3.5 - 4.5	0.26	6.5	0.43	11.0	2	1000



SR/SRVO/SRHR Series  
Snap Rivet



Specifications:

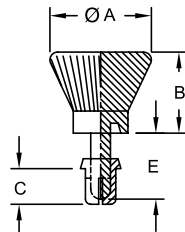
- Material: See Table
- Color: See Table

Features:

- Designed for fast and easy installation without any tools
- Simply place rivet into hole and press down on the head to fasten
- Round head provides a clean, finished look
- SRHR part numbers withstand temperatures up to 266°F (130°C)

Item No.				Ø Hole	Total Holding Thickness	Ø D	H	h	Bulk Pack Qty.
Nylon 6 UL94 V-2		Nylon 66/6 UL94 V-0							
Black	White	Black	Tan	in	in	in	in	in	
SR-2024B	SR-2024W	SRVO-2024B	—	0.083 - 0.087	0.024 - 0.047	0.165	0.090	0.047	1000
SR-2032B	SR-2032W	SRVO-2032B	—	0.083 - 0.087	0.051 - 0.079	0.165	0.130	0.047	1000
SR-2040B	SR-2040W	SRVO-2040B	—	0.083 - 0.087	0.083 - 0.110	0.165	0.160	0.047	1000
SR-2048B	SR-2048W	SRVO-2048B	—	0.083 - 0.087	0.114 - 0.142	0.165	0.190	0.047	1000
SR-2056B	SR-2056W	SRVO-2056B	—	0.083 - 0.087	0.146 - 0.173	0.165	0.220	0.047	1000
SR-2064B	SR-2064W	SRVO-2064B	—	0.083 - 0.087	0.173 - 0.197	0.165	0.250	0.047	1000
SR-2632B	SR-2632W	SRVO-2632B	—	0.106 - 0.110	0.039 - 0.079	0.197	0.130	0.055	1000
SR-2642B	SR-2642W	SRVO-2642B	—	0.106 - 0.110	0.079 - 0.118	0.197	0.170	0.055	1000
SR-2648B	SR-2648W	SRVO-2648B	—	0.106 - 0.110	0.106 - 0.142	0.197	0.190	0.055	1000
SR-2655B	SR-2655W	SRVO-2655B	—	0.106 - 0.110	0.134 - 0.169	0.197	0.220	0.055	1000
SR-2664B	SR-2664W	SRVO-2664B	—	0.106 - 0.110	0.169 - 0.205	0.197	0.250	0.055	1000
SR-2672B	SR-2672W	SRVO-2672B	—	0.106 - 0.110	0.201 - 0.236	0.197	0.280	0.055	1000
SR-3035B	SR-3035W	SRVO-3035B	SRHR-3035	0.122 - 0.126	0.039 - 0.079	0.252	0.140	0.063	1000
SR-3045B	SR-3045W	SRVO-3045B	SRHR-3045	0.122 - 0.126	0.079 - 0.118	0.252	0.180	0.063	1000
SR-3055B	SR-3055W	SRVO-3055B	SRHR-3055	0.122 - 0.126	0.118 - 0.157	0.252	0.220	0.063	1000
SR-3065B	SR-3065W	SRVO-3065B	SRHR-3065	0.122 - 0.126	0.157 - 0.197	0.252	0.260	0.063	1000
SR-3075B	SR-3075W	SRVO-3075B	—	0.122 - 0.126	0.197 - 0.236	0.252	0.300	0.063	1000
SR-3080B	SR-3080W	SRVO-3080B	SRHR-3080	0.122 - 0.126	0.217 - 0.256	0.252	0.320	0.063	1000
SR-3090B	SR-3090W	SRVO-3090B	—	0.122 - 0.126	0.256 - 0.295	0.252	0.350	0.063	1000
SR-3100B	SR-3100W	SRVO-3100B	—	0.122 - 0.126	0.295 - 0.335	0.252	0.390	0.063	1000
SR-3230B	—	—	—	0.122 - 0.126	0.807 - 0.847	0.252	0.906	0.063	1000
SR-3535B	SR-3535W	SRVO-3535B	SRHR-3535	0.142 - 0.146	0.047 - 0.083	0.252	0.140	0.063	1000
SR-3545B	SR-3545W	SRVO-3545B	SRHR-3545	0.142 - 0.146	0.083 - 0.118	0.252	0.180	0.063	1000
SR-3550B	SR-3550W	SRVO-3550B	—	0.142 - 0.146	0.106 - 0.142	0.252	0.200	0.063	1000
SR-3555B	SR-3555W	SRVO-3555B	SRHR-3555	0.142 - 0.146	0.118 - 0.157	0.252	0.220	0.063	1000
SR-3560B	SR-3560W	SRVO-3560B	—	0.142 - 0.146	0.146 - 0.181	0.252	0.240	0.063	1000
SR-3570B	SR-3570W	SRVO-3570B	—	0.142 - 0.146	0.177 - 0.217	0.252	0.280	0.063	1000
SR-3580B	SR-3580W	SRVO-3580B	—	0.142 - 0.146	0.217 - 0.256	0.252	0.320	0.063	1000
SR-4050B	SR-4050W	SRVO-4050B	SRHR-4050	0.161 - 0.165	0.098 - 0.138	0.315	0.200	0.071	1000
SR-4060B	SR-4060W	SRVO-4060B	SRHR-4060	0.161 - 0.165	0.138 - 0.177	0.315	0.240	0.071	1000
SR-4070B	SR-4070W	SRVO-4070B	SRHR-4070	0.161 - 0.165	0.177 - 0.217	0.315	0.280	0.071	1000
SR-4080B	SR-4080W	SRVO-4080B	SRHR-4080	0.161 - 0.165	0.217 - 0.256	0.315	0.320	0.071	1000
SR-4090B	SR-4090W	SRVO-4090B	—	0.161 - 0.165	0.256 - 0.295	0.315	0.350	0.071	1000
SR-4100B	SR-4100W	SRVO-4100B	SRHR-4100	0.161 - 0.165	0.295 - 0.335	0.315	0.390	0.071	1000
SR-4120B	SR-4120W	SRVO-4120B	—	0.161 - 0.165	0.354 - 0.413	0.315	0.470	0.071	1000
SR-5045B	SR-5045W	SRVO-5045B	—	0.201 - 0.205	0.059 - 0.098	0.354	0.180	0.087	1000
SR-5055B	SR-5055W	SRVO-5055B	—	0.201 - 0.205	0.098 - 0.138	0.354	0.220	0.087	1000
SR-5065B	SR-5065W	SRVO-5065B	—	0.201 - 0.205	0.138 - 0.177	0.354	0.260	0.087	1000
SR-5075B	SR-5075W	SRVO-5075B	—	0.201 - 0.205	0.177 - 0.217	0.354	0.300	0.087	1000
SR-5085B	SR-5085W	SRVO-5085B	—	0.201 - 0.205	0.217 - 0.256	0.354	0.340	0.087	1000
SR-5095B	SR-5095W	SRVO-5095B	—	0.201 - 0.205	0.256 - 0.295	0.354	0.370	0.087	1000
SR-5105B	SR-5105W	SRVO-5105B	—	0.201 - 0.205	0.295 - 0.335	0.354	0.410	0.087	1000
SR-6060B	SR-6060W	SRVO-6060B	—	0.240 - 0.244	0.098 - 0.157	0.472	0.240	0.098	1000
SR-6080B	SR-6080W	SRVO-6080B	—	0.240 - 0.244	0.138 - 0.217	0.472	0.320	0.118	1000

SRT Series  
Snap Rivet, T-Type



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Black

Features:

- Push/pull knob lets rivet snap in and out up to 25 times
- For applications requiring quick assembly and disassembly

Item No.	Ø Hole		Total Holding Thickness		Ø A		B		C		E		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
SRT-3035B	0.122 - 0.126	3.1 - 3.2	0.039 - 0.079	1.0 - 2.0	0.394	10.0	0.315	8.0	0.14	3.5	0.26	6.5	1000
SRT-3045B	0.122 - 0.126	3.1 - 3.2	0.079 - 0.118	2.0 - 3.0	0.394	10.0	0.315	8.0	0.18	4.5	0.26	6.5	1000
SRT-3055B	0.122 - 0.126	3.1 - 3.2	0.118 - 0.157	3.0 - 4.0	0.394	10.0	0.315	8.0	0.22	5.6	0.26	6.5	1000
SRT-3065B	0.122 - 0.126	3.1 - 3.2	0.157 - 0.197	4.0 - 5.0	0.394	10.0	0.315	8.0	0.26	6.5	0.35	9.0	1000
SRT-3075B	0.122 - 0.126	3.1 - 3.2	0.197 - 0.236	5.0 - 6.0	0.394	10.0	0.315	8.0	0.30	7.5	0.35	9.0	1000
SRT-3080B	0.122 - 0.126	3.1 - 3.2	0.217 - 0.256	5.5 - 6.5	0.394	10.0	0.315	8.0	0.32	8.0	0.35	9.0	1000
SRT-3535B	0.142 - 0.146	3.6 - 3.7	0.039 - 0.079	1.0 - 2.0	0.394	10.0	0.315	8.0	0.14	3.5	0.26	6.6	1000
SRT-3545B	0.142 - 0.146	3.6 - 3.7	0.079 - 0.118	2.0 - 3.0	0.394	10.0	0.315	8.0	0.18	4.5	0.26	6.6	1000
SRT-3555B	0.142 - 0.146	3.6 - 3.7	0.118 - 0.146	3.0 - 3.7	0.394	10.0	0.315	8.0	0.22	5.5	0.26	6.6	1000
SRT-3570B	0.142 - 0.146	3.6 - 3.7	0.150 - 0.205	3.8 - 5.2	0.394	10.0	0.315	8.0	0.28	7.0	0.35	9.0	1000
SRT-3580B	0.142 - 0.146	3.6 - 3.7	0.209 - 0.256	5.3 - 6.5	0.394	10.0	0.315	8.0	0.32	8.0	0.35	9.0	1000
SRT-4050B	0.161 - 0.165	4.1 - 4.2	0.098 - 0.138	2.5 - 3.5	0.472	12.0	0.315	8.0	0.20	5.0	0.30	7.6	1000
SRT-4060B	0.161 - 0.165	4.1 - 4.2	0.138 - 0.177	3.5 - 4.5	0.472	12.0	0.315	8.0	0.24	6.0	0.30	7.6	1000
SRT-4070B	0.161 - 0.165	4.1 - 4.2	0.177 - 0.216	4.5 - 5.5	0.472	12.0	0.315	8.0	0.28	7.0	0.44	11.2	1000
SRT-4080B	0.161 - 0.165	4.1 - 4.2	0.216 - 0.256	5.5 - 6.5	0.472	12.0	0.315	8.0	0.32	8.0	0.44	11.2	1000
SRT-4090B	0.161 - 0.165	4.1 - 4.2	0.256 - 0.295	6.5 - 7.5	0.472	12.0	0.315	8.0	0.35	9.0	0.44	11.2	1000
SRT-4100B	0.161 - 0.165	4.1 - 4.2	0.295 - 0.335	7.5 - 8.5	0.472	12.0	0.315	8.0	0.39	10.0	0.44	11.2	1000



# SNAP RIVETS / FIR TREE FASTENER

## 1301 Series Snap In Rivets



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig 5



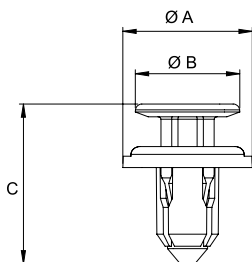
Fig 6



Fig 7



Fig 8



**Specifications:**

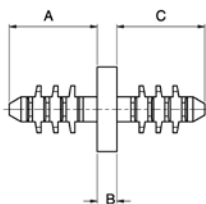
- Material: See Table
- Color: Black

**Features:**

- Quickly installed by hand
- Pin is predriven into the grommet
- Grommet expands as pin is inserted providing a tight fit
- Ideally suited for any application requiring a front-mount rivet
- 14 sizes to accommodate a variety of hole diameters and panel thicknesses
- Reliable way to hold materials together

Item No.	Fig	Ø Hole		Min Panel Thickness		Max Panel Thickness		Ø A		Ø B		C		Material	Bulk Pack Qty.
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
1301297	1	0.24	6.15	0.079	2.0	0.177	4.5	0.55	14.0	0.39	9.9	0.724	18.4	Acetal	1000
1301298	2	0.28	7.0	0.098	2.5	0.197	5.0	0.78	19.9	0.58	14.8	0.831	21.1	Grommet: Acetal, Pin: Polypropylene	1000
1301299	3	0.31	8.0	0.177	4.5	0.189	4.8	0.63	16.1	0.51	13.0	0.783	19.9	Acetal	1000
1301300	3	0.39	10.0	0.217	5.5	0.276	7.0	0.79	20.0	0.55	14.0	1.03	26.1	Grommet: Acetal, Pin: Polypropylene	1000
1301301	4	0.35	9.0	0.15	3.8	0.189	4.8	0.71	18.0	0.55	13.9	1.547	39.3	Grommet: Acetal, Pin: PBT	1000
1301302	5	0.28	7.2	0.118	3.0	0.157	4.0	0.71	18.1	0.48	12.2	0.689	17.5	Acetal	1000
1301303	2	0.31	8.0	0.098	2.5	0.197	5.0	0.79	20.0	0.58	14.8	0.78	19.8	Grommet: Acetal, Pin: Polypropylene	1000
1301304	6	0.27	6.75	0.039	1.0	0.157	4.0	0.79	20.0	0.51	13.0	0.736	18.7	Acetal	1000
1301305	7	0.28	7.0	0.059	1.5	0.098	2.5	0.79	20.0	0.55	14.0	0.74	18.8	Grommet: Acetal, Pin: PBT	1000
1301306	3	0.39	10.0	0.276	7.0	0.315	8.0	0.79	20.0	0.53	13.6	1.201	30.5	Acetal	1000
1301307	5	0.24	6.0	0.161	4.1	0.197	5.0	0.55	14.0	0.29	7.3	0.65	16.5	Acetal	1000
1301308	7	0.31	8.0	0.118	3.0	0.197	5.0	0.79	20.0	0.47	11.8	0.843	21.4	Acetal	1000
1301309	6	0.31	7.8	0.118	3.0	0.236	6.0	0.79	20.0	0.51	13.0	0.874	22.2	Acetal	1000
1301310	8	0.28	7.0	0.118	3.0	0.138	3.5	0.58	14.8	0.22	5.6	0.819	20.8	Acetal	1000

## 4952 Series Double Ended Fir Tree Rivet



**Specifications:**

- Material: Nylon 6/6
- Color: Black

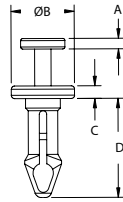
**Features:**

- Allows two panels to be connected from the center so that no fastener head is visible

Item No.	Ø Hole		Panel Thickness A Side		Panel Thickness C Side		A		C		B		Ø D		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
495218	0.157	4.0	0.102 - 0.248	2.6 - 6.3	0.102 - 0.248	2.6 - 6.3	0.307	7.8	0.307	7.8	0.071	1.8	0.295	7.5	1000
495219	0.295	7.5	0.118 - 0.315	3.0 - 8.0	0.118 - 0.315	3.0 - 8.0	0.689	17.5	0.689	17.5	0.039	1.0	0.748	19.0	1000
495220	0.315	8.0	0.126 - 0.315	3.2 - 9.5	0.142 - 0.748	3.6 - 19.0	0.457	11.6	0.858	21.8	0.043	1.1	0.500	12.7	1000



**TRM Series  
Mini Tough Snap Rivet**



**Specifications:**

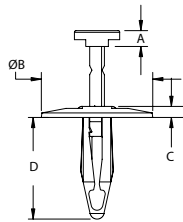
- Material: UL94 V-0 Heat Stabilized Nylon 6/6
- Color: Black

**Features:**

- One-piece design easily installed by hand
- Removable by pulling pin out of grommet

Item No.	Ø Hole		Panel Thickness		A		Ø B		C		D		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
TRM-1	0.097 - 0.103	2.5 - 2.6	0.160 - 0.180	4.1 - 4.6	0.040	1.0	0.190	4.8	0.060	1.5	0.345	8.8	1000
TRM-2	0.106 - 0.112	2.7 - 2.8	0.080 - 0.105	2.0 - 2.7	0.050	1.3	0.218	5.5	0.060	1.5	0.300	7.6	1000
TRM-3	0.122 - 0.128	3.1 - 3.3	0.105 - 0.130	2.7 - 3.3	0.050	1.3	0.218	5.5	0.060	1.5	0.320	8.1	1000
TRM-4	0.122 - 0.128	3.1 - 3.3	0.130 - 0.155	3.3 - 3.9	0.050	1.3	0.218	5.5	0.060	1.5	0.345	7.6	1000
TRM-5	0.122 - 0.128	3.1 - 3.3	0.155 - 0.180	3.9 - 4.6	0.050	1.3	0.218	5.5	0.060	1.5	0.370	9.4	1000
TRM-6	0.122 - 0.128	3.1 - 3.3	0.240 - 0.265	6.1 - 6.7	0.050	1.3	0.218	5.5	0.060	1.5	0.455	11.6	1000
TRM-7	0.144 - 0.154	3.7 - 3.9	0.265 - 0.290	6.7 - 7.4	0.050	1.3	0.300	7.6	0.060	1.5	0.470	11.9	1000

**TR Series  
Tough Snap Rivet**

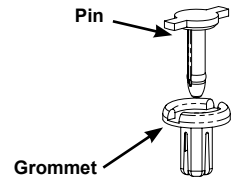
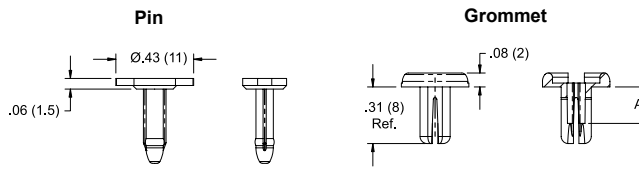


**Specifications:**

- Material 1: UL94 HB Impact Modified Nylon 6/6
- Material 2: Nylon 6/6
- Color: Black

Item No.	Ø Hole		Total Holding Thickness		Ø B		C		D		Material	Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm		
TR-1	0.193 - 0.205	4.9 - 5.2	0.059 - 0.181	1.5 - 4.6	0.283	7.2	0.045	1.1	0.445	11.3	1	1000
• 495201	0.197	5.0	0.059 - 0.181	1.5 - 4.6	0.283	7.2	0.060	1.0	0.449	11.4	2	1000
TR-2	0.248 - 0.276	6.3 - 7.0	0.098 - 0.350	2.5 - 8.9	0.985	25.0	0.098	2.5	0.898	22.8	1	1000
• 495202	0.248	6.3	0.157 - 0.299	4.0 - 7.6	0.709	18.0	0.098	2.5	0.681	17.3	2	1000
• 495203	0.248	6.3	0.098 - 0.350	2.5 - 8.9	1.000	25.4	0.098	2.5	0.886	22.5	2	1000
• 495204	0.248	6.3	0.098 - 0.350	2.5 - 8.9	0.591	15.0	0.106	2.7	0.728	18.5	2	1000
• 495205	0.248	6.3	0.059 - 0.299	1.5 - 7.6	0.685	17.4	0.079	2.0	0.803	20.4	2	1000
• 495206	0.256	6.5	0.098 - 0.350	2.5 - 8.9	0.591	15.0	0.079	2.0	0.882	22.4	2	1000
TR-3	0.250 - 0.276	6.4 - 7.0	0.098 - 0.315	2.5 - 8.0	0.585	14.9	0.079	2.0	0.897	22.8	1	1000
• 495207	0.276	7.0	0.472 - 0.591	12.0 - 15.0	1.000	25.4	0.098	2.5	1.063	27.0	2	1000
• 495208	0.276	7.0	0.354 - 0.512	9.0 - 13.0	0.709	18.0	0.098	2.5	0.906	23.0	2	1000
• 495209	0.315	8.0	0.118 - 0.315	3.0 - 8.0	0.787	20.0	0.106	2.7	0.827	21.0	2	1000
• 495210	0.315	8.0	0.118 - 0.315	3.0 - 8.0	0.591	15.0	0.102	2.6	0.866	22.0	2	1000
• 495211	0.315	8.0	0.157 - 0.315	4.0 - 8.0	0.709	18.0	0.114	2.9	0.906	23.0	2	1000
• 495212	0.315	8.0	0.472 - 0.630	12.0 - 16.0	0.590	15.0	0.118	3.0	1.142	29.0	2	1000
TR-4	0.315 - 0.325	8.0 - 8.3	0.118 - 0.315	3.0 - 8.5	0.585	14.9	0.106	2.7	0.830	21.1	1	1000
• 495213	0.354	9.0	0.118 - 0.276	3.0 - 7.0	0.630	16.0	0.102	2.6	0.787	20.0	2	1000
• 495214	0.374	9.5	0.035 - 0.189	0.9 - 4.8	0.984	25.0	0.094	2.4	0.992	25.2	2	1000
• 495215	0.374	9.5	0.138 - 0.2766	3.5 - 7.0	0.705	17.9	0.098	2.5	0.906	23.0	2	1000
• 495216	0.394	10.0	0.236 - 0.394	6.0 - 10.0	0.787	20.0	0.146	3.7	1.051	26.7	2	1000

**RRR Series  
Removable Rivet**



**Specifications:**

- Material: UL94 V-0 Nylon 66/6
- Color: Black

**Features:**

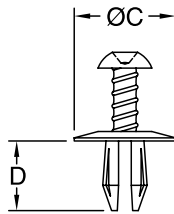
- Pin and grommet are supplied unassembled
- Pin is removable by pulling on the side tabs
- Can be used in a round or square hole

Item No.	Hole Size		Total Holding Thickness		A Ref.		Pack Qty.
	in	mm	in	mm	in	mm	
RRR-1	0.188-0.208 Ø or 0.177 Min. Square	4.76 - 5.28 Ø or 4.5 Min. Square	0.059 - 0.138	1.5 - 3.5	0.14	3.6	1000
RRR-2	0.188-0.208 Ø or 0.177 Min. Square	4.76 - 5.28 Ø or 4.5 Min. Square	0.138 - 0.217	3.5 - 5.5	0.17	4.4	1000



RIVETS

TPSR/USR/113 Series  
Unscrewing Rivet



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

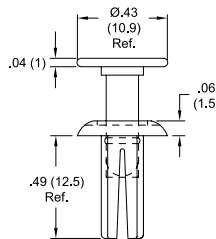
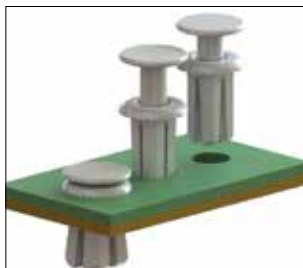
Features:

- Easily installed by hand
- As pin is screwed into body, the grommet expands locking it in place
- Removable by using a phillips head screwdriver
- Can be reused

\* Screw Material: Acetal UL94 HB; Grommet Material: Nylon 6  
\*\* Nylon 6

Item No.		Ø Hole		Total Holding Thickness		Ø C		D		Bulk Pack Qty.
		in	mm	in	mm	in	mm	in	mm	
Black	—									
USR-1131	—	0.197	5.0	0.059 - 0.236	1.5 - 6.0	0.472	12.0	0.433	11.0	1000
• 113 000 169 902	—	0.197	5.0	0.157 - 0.276	4.0 - 7.0	0.472	12.0	0.433	11.0	250
• 113 105 059 902	• 113 105 000 002	0.197	5.0	0.079 - 0.276	2.0 - 7.0	0.492	12.5	0.378	9.6	250
USR-1132	—	0.236	6.0	0.059 - 0.236	1.5 - 6.0	0.630	16.0	0.433	11.0	1000
• 113 106 059 902	• 113 106 000 002	0.236	6.0	0.079 - 0.315	2.0 - 8.0	0.591	15.0	0.421	10.7	250
• 113 000 269 902	—	0.236	6.0	0.157 - 0.276	4.0 - 7.0	0.630	16.0	0.433	11.0	250
—	• 401007	0.250	6.4	0.156	4.0	0.594	15.1	0.422	10.7	1000
—	• 401008	0.250	6.4	0.140	3.6	0.703	17.9	0.438	11.1	1000
USR-64125**	—	0.250	6.4	0.126 - 0.172	3.2 - 4.4	0.594	15.1	0.500	12.7	500
• 113 107 059 902	• 113 107 000 002	0.276	7.0	0.118 - 0.354	3.0 - 9.0	0.689	17.5	0.476	12.1	250
—	• 401009	0.281	7.0	0.093	2.36	0.689	17.5	0.476	12.1	1000
USR-1133	—	0.315	8.0	0.118 - 0.394	3.0 - 1.0	0.787	20.0	0.551	14.0	1000
USR-1*	—	0.315	8.0	0.276 - 0.315	7.0 - 8.0	0.787	20.0	0.866	22.0	1000
• 113 108 059 902	• 113 108 000 002	0.315	8.0	0.118 - 0.394	3.0 - 10.0	0.787	20.0	0.531	13.5	250
• 113 000 369 902	—	0.315	8.0	0.118 - 0.394	3.0 - 10.0	0.787	20.0	0.551	14.0	250

PPR-10 Series  
Push Rivet



Specifications:

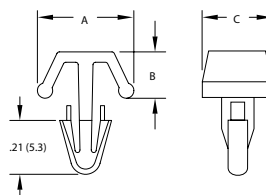
- Material: UL94 V-2 Nylon 6
- Color: Natural

Features:

- Used in either a round or square hole
- Square hole mounting is for anti-rotation applications

Item No.	Total Holding Thickness		Mounting Hole Options (Round Hole)		Mounting Hole Options (Square Hole)		Bulk Pack Qty.
	in	mm	in	mm	in	mm	
PPR-10	0.140 - 0.200	3.56 - 5.08	0.25	6.4	0.22	5.6	100

MB Series  
Mounting Button



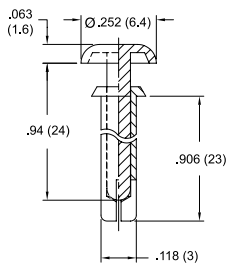
Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	Hole Diameter		Total Holding Thickness		A Ref.		B Ref.		C		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
MB-1-156	0.156	4.0	0.031 - 0.093	0.8 - 2.4	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-3-156	0.156	4.0	0.093 - 0.156	2.4 - 4.0	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-5-156	0.156	4.0	0.156 - 0.219	4.0 - 5.6	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-7-156	0.156	4.0	0.219 - 0.281	5.6 - 7.1	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-9-156	0.156	4.0	0.281 - 0.343	7.1 - 8.7	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-11-156	0.156	4.0	0.343 - 0.406	8.7 - 10.3	0.391	9.9	0.188	4.8	0.310	7.9	1000
MB-1-187	0.187	4.8	0.031 - 0.093	0.8 - 2.4	0.484	12.3	0.188	4.8	0.310	7.9	1000
MB-3-187	0.187	4.8	0.093 - 0.156	2.4 - 4.0	0.484	12.3	0.188	4.8	0.310	7.9	1000
MB-5-187	0.187	4.8	0.156 - 0.219	4.0 - 5.6	0.484	12.3	0.188	4.8	0.310	7.9	1000
MB-7-187	0.187	4.8	0.219 - 0.281	5.6 - 7.1	0.484	12.3	0.188	4.8	0.310	7.9	1000
MB-9-187	0.187	4.8	0.281 - 0.343	7.1 - 8.7	0.484	12.3	0.188	4.8	0.310	7.9	1000
MB-11-187	0.187	4.8	0.343 - 0.406	8.7 - 10.3	0.484	12.3	0.188	4.8	0.310	7.9	1000



**SR-3230 Series  
Fan Mount Snap Rivet**



**Specifications:**

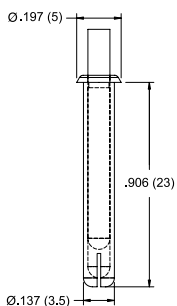
- Material: UL94 V-2 Nylon 6
- Color: Black

**Features:**

- Prongs expand to hold securely as pin is driven in
- Single-operation front mounting saves time and money

Item No.	Ø Hole		Total Holding Thickness		Bulk Pack Qty.
	in	mm	in	mm	
SR-3230B	0.122 - 0.126	3.1 - 3.2	0.807 - 0.847	20.5 - 21.5	1000

**FR-1  
Fan Mount Rivet**



**Installation Tool**

**Specifications:**

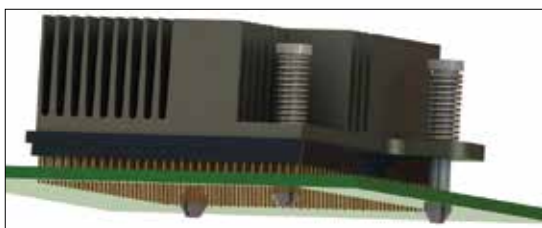
- Material: UL94 V-2 Nylon 6
- Color: Black

**Features:**

- Permanently mounts fan to chassis, or finger guards to fan
- Provides tamper-resistant application
- Prongs expand to hold securely as pin is driven in
- Single-operation front mounting saves time and money

Item No.	Ø Hole		Total Holding Thickness		Installation Tool	Bulk Pack Qty.
	in	mm	in	mm		
FR-1	0.137 - 0.138	3.49 - 3.51	0.807 - 0.846	20.5 - 21.5	61PRT0125	1000

**HSR Series  
Heat Sink Spring Mount Rivet**

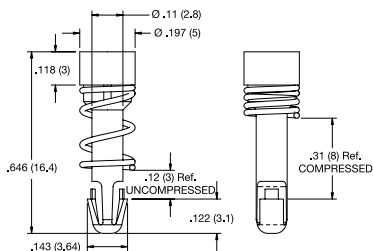


**Specifications:**

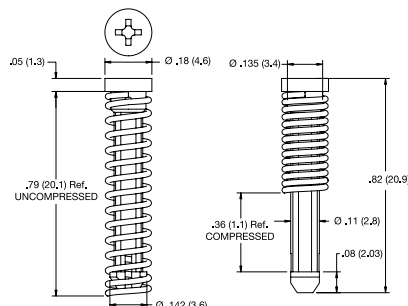
- Material: UL94 V-2 Nylon 6/6
- Color: Natural

**Features:**

- Fastens a heat sink to a processor chip on a PCB
- The spring provides continuous pressure to the heat sink until thermal adhesive cures
- HSR-2 can be installed by using a phillips head screwdriver



**HSR-1**



**HSR-2**

Item No.	Heat Sink Ø Hole		PCB Ø Hole		Spring Material	Bulk Pack Qty.
	in	mm	in	mm		
HSR-1	0.125 - 0.157	3.18 - 4.0	0.118	3.0	Spring Steel, Chrome Plating	1000
HSR-2	0.120 - 0.140	3.05 - 3.50	0.122	13.1	Stainless Steel	1000





RIVETS

RP/PPR Series  
Push Rivet

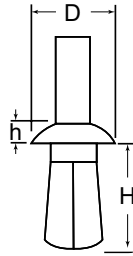


Fig. 1

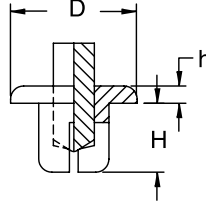
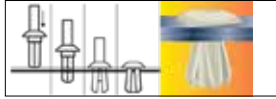


Fig. 2

Installation Tool



Installation Tool	Item No.
61PRT0125	PPR-5
	PPR-1
	PPR-93-7
	PPR-93-14
61PRT0150	PPR-2
	PPR-9
	PPR-4



Specifications:

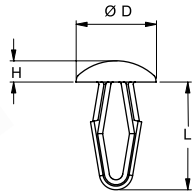
- Material: See Table
- Color: See Table

Features:

- Install by placing rivet into hole and pushing plunger into the rivet to expand legs to lock in place

Item No.	Ø Hole			Panel Thickness		Ø D		h		H		Fig.	Material	Bulk Pack Qty.	
	Black	White	Natural	in	mm	in	mm	in	mm	in	mm				
• 093011059902	—	• 093011000002	0.118	3.0	0.039 - 0.157	1.0 - 4.0	0.197	5.0	0.051	1.3	0.224	5.7	1	Nylon 6/6	250
PPR-3055B	—	—	0.118	3.0	0.118 - 0.157	3.0 - 4.0	0.228	5.8	0.079	2.0	0.220	5.6	2	Nylon 6	1000
RP100B	RP100W	—	0.118	3.0	0.079 - 0.118	2.0 - 3.0	0.118	3.0	0.079	2.0	0.177	4.5	2	Nylon 6	1000
RP105B	RP105W	—	0.118	3.0	0.118 - 0.157	3.0 - 4.0	0.230	5.8	0.079	2.0	0.220	5.6	2	Nylon 6	1000
• 172315511302	• 172315569902	—	0.122	3.1	0.118 - 0.157	3.0 - 4.0	0.228	5.8	0.063	1.6	0.217	5.5	2	Nylon 6/6,POM	250
• 093012059902	—	• 093012000002	0.138	3.5	0.039 - 0.197	1.0 - 5.0	0.236	6.0	0.051	1.3	0.268	6.8	1	Nylon 6/6	250
• 093000269902	—	• 093000200002	0.142	3.6	0.079 - 0.217	2.0 - 5.5	0.303	7.7	0.079	2.0	0.276	7.0	1	Nylon 6/6	250
• 093000469902	—	—	0.157	4.0	0.157-0.256	4.0 - 6.5	0.256	6.5	0.256	6.5	0.315	8.0	1	Nylon 6/6	250
• 093013059902	—	• 093013000002	0.157	4.0	0.059 - 0.236	1.5 - 6.0	0.256	6.5	0.059	1.5	0.311	7.9	1	Nylon 6/6	250
PPR-4050B	RP110W	—	0.157	4.0	0.098 - 0.138	2.5 - 3.5	0.315	8.0	0.087	2.2	0.197	5.0	2	Nylon 6	1000
RP115B	RP115W	—	0.157	4.0	0.138 - 0.177	3.5 - 4.5	0.157	4.0	0.091	2.3	0.236	6.0	2	Nylon 6	1000
• 172485069902	• 172485011302	—	0.189	4.8	0.047 - 0.118	1.2 - 3.0	0.386	9.8	0.142	3.6	0.197	5.0	2	Nylon 6/6,POM	250
• 093001069902	—	• 093001000002	0.189	4.8	0.063 - 0.185	1.6 - 4.7	0.343	8.7	0.098	2.5	0.291	7.4	1	Nylon 6/6	250
PPR-4850B	—	—	0.189	4.8	0.047 - 0.157	1.2 - 3.0	0.390	9.9	0.130	3.3	0.201	5.1	2	Nylon 6	1000
PPR-2B	—	PPR-2	0.189	4.8	0.157 - 0.280	4.0 - 7.1	0.429	10.9	0.059	1.5	0.382	9.7	1	Nylon 6/6	1000
PPR-5B	PPR-5	—	0.189	4.8	0.039 - 0.374	1.0 - 9.5	0.280	7.1	0.063	1.6	0.421	10.7	1	Nylon 6/6	1000
• 093014000002	—	• 093014059902	0.197	5.0	0.059 - 0.276	1.5 - 7.0	0.335	8.5	0.071	1.8	0.362	9.2	1	Nylon 6/6	250
PPR-93-14B	—	—	0.197	5.0	0.118 - 0.276	3.0 - 7.0	0.437	11.1	0.079	2.0	0.433	11.0	1	Nylon 6/6	1000
PPR-93-7B	—	PPR-93-7	0.197	5.0	0.059 - 0.197	1.5 - 5.0	0.280	7.1	0.079	2.0	0.291	7.4	1	Nylon 6/6	1000
PPR-5060B	RP135W	—	0.197	5.0	0.118 - 0.157	3.0 - 4.0	0.370	9.4	0.110	2.8	0.236	6.0	2	Nylon 6	1000
RP130B	RP130W	—	0.197	5.0	0.157 - 0.197	4.0 - 5.0	0.197	5.0	0.110	2.8	0.197	5.0	2	Nylon 6	1000
PPR-5080B	—	—	0.197	5.0	0.197 - 0.236	5.0 - 6.0	0.370	9.4	0.110	2.8	0.315	8.0	2	Nylon 6	1000
• 172516069902	• 172516011302	—	0.201	5.1	0.118 - 0.157	3.0 - 4.0	0.374	9.5	0.110	2.8	0.236	6.0	2	Nylon 6/6,POM	250
• 172517011302	• 172517011302	—	0.201	5.1	0.157 - 0.197	4.0 - 5.0	0.374	9.5	0.098	2.5	0.276	7.0	2	Nylon 6/6,POM	250
RP140B	RP140W	—	0.201	5.1	0.157 - 0.197	4.0 - 5.0	0.197	5.0	0.110	2.8	0.276	7.0	2	Nylon 6	1000
RP145B	RP145W	—	0.201	5.1	0.197 - 0.236	5.0 - 6.0	0.197	5.0	0.110	2.8	0.315	8.0	2	Nylon 6	1000
• 172518069902	17218011302	—	0.201	5.1	0.197 - 0.236	5.0 - 6.0	0.374	9.5	0.110	2.8	0.315	8.0	2	Nylon 6/6,POM	250
RP150B	RP150W	—	0.201	5.1	0.236 - 0.276	6.0 - 7.0	0.197	5.0	0.110	2.8	0.354	9.0	2	Nylon 6	1000
PPR-5070B	—	—	0.201	5.1	0.157 - 0.197	4.0 - 5.0	0.370	9.4	0.110	2.8	0.276	7.0	2	Nylon 6	1000
RP155B	RP155W	—	0.201	5.1	0.276 - 0.315	7.0 - 8.0	0.197	5.0	0.110	2.8	0.394	10.0	2	Nylon 6	1000
PPR-1B	—	PPR-1	0.217	5.5	0.098 - 0.157	2.5 - 4.0	0.370	9.4	0.079	2.0	0.449	11.4	1	Nylon 6/6	1000
• 093015059902	—	• 093015000002	0.236	6.0	0.079 - 0.315	2.0 - 8.0	0.394	10.0	0.087	2.2	0.413	10.5	1	Nylon 6/6	250
• 093002469902	—	• 093002400002	0.236	6.0	0.118 - 0.276	3.0 - 7.0	0.433	11.0	0.079	2.0	0.394	10.0	1	Nylon 6/6	250
• PPR-6060B	—	—	0.236	6.0	0.098 - 0.157	2.5 - 4.0	0.429	10.9	0.059	1.5	0.240	6.1	2	LDPE/HDPE	1000
• 172616069902	• 172616000002	—	0.240	6.1	0.098 - 0.157	2.5 - 4.0	0.433	11.0	0.063	1.6	0.236	6.1	2	Nylon 6/6,POM	250
—	—	PPR-4	0.252	6.4	0.280 - 0.500	7.1 - 12.7	0.569	11.9	0.079	2.0	0.622	15.8	1	Nylon 6/6	1000
—	—	PPR-9	0.252	6.4	0.059 - 0.252	1.5 - 6.4	0.437	11.1	0.185	4.7	0.366	9.3	1	Nylon 6/6	1000
• 093002669902	—	• 093002600002	0.252	6.4	0.157 - 0.374	4.0 - 9.5	0.433	11.0	0.079	2.0	0.472	12.0	1	Nylon 6/6	250
• 093016059902	—	• 093016000002	0.189	4.8	0.098 - 0.354	2.5 - 9.0	0.472	12.0	0.102	2.6	0.465	11.8	1	Nylon 6/6	250
• 093000869902	—	• 093000800002	0.189	4.8	0.157 - 0.343	4.0 - 8.7	0.189	4.8	0.047	1.2	0.433	11.0	1	Nylon 6/6	250
• 093001869902	—	• 093001800002	0.28	7.1	0.157 - 0.472	4.0 - 12.0	0.669	17.0	0.098	2.5	0.689	17.5	1	Nylon 6/6	250
• 093017059902	—	• 093017059902	0.315	8.0	0.118 - 0.394	3.0 - 10.0	0.531	13.5	0.118	3.0	0.512	13.0	1	Nylon 6/6	250

DF Series  
Drive Fastener



Specifications:

- Material: See Table
- Color: Natural

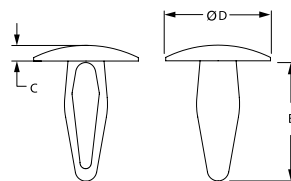
Features:

- Multi-purpose front loaded fastener
- Can be used as a decorative hole plug
- Inserts easily by hand
- Hollow body increases flexibility for ease of insertion and removal

Item No.	Ø Hole		Total Holding Thickness		Ø D		H		L Ref.		Bulk Pack Qty.	
	UL94 HB Acetal	UL94 V-0 Nylon 6/6	in	mm	in	mm	in	mm	in	mm		
DF-137-010	DFVO-137-010	0.126	3.2	0.039 - 0.177	1.0 - 4.5	0.315	8.0	0.059	1.5	0.512	13.0	1000
DF-137-020	DFVO-137-020	0.153	3.9	0.039 - 0.197	1.0 - 5.0	0.354	9.8	0.063	1.6	0.551	14.0	1000
DF-137-030	DFVO-137-030	0.185	4.7	0.039 - 0.216	1.0 - 5.5	0.394	10.0	0.067	1.7	0.590	15.0	1000
DF-137-031	DFVO-137-031	0.185	4.7	0.039 - 0.216	1.0 - 5.5	0.433	11.0	0.114	2.9	0.590	15.0	1000
DF-137-040	DFVO-137-040	0.252	6.4	0.059 - 0.256	1.5 - 6.5	0.472	12.0	0.079	2.0	0.669	17.0	1000
DF-137-050	DFVO-137-050	0.307	7.8	0.059 - 0.275	1.5 - 7.0	0.551	14.0	0.087	2.2	0.748	19.0	1000
DF-137-060	DFVO-137-060	0.216	5.5	0.236 - 0.354	6.0 - 9.0	0.472	12.0	0.079	2.0	0.689	17.5	1000



**MMB/ARW/091/AC Series  
Mounting Button**

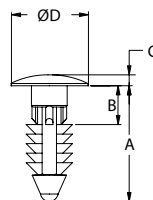


**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

Item No.	Ø Hole		Total Holding Thickness		Ø D		C		E		Bulk Pack Qty.	
	in	mm	in	mm	in	mm	in	mm	in	mm		
<b>Black</b>	<b>Natural</b>											
-	27AC0010	0.062 - 0.065	1.6 - 1.7	0.010 - 0.031	0.3 - 0.8	0.100	2.5	0.125	3.2	0.020	0.5	1000
• 091 000 059 902	• 091 000 000 002	0.110	2.8	0.031 - 0.142	0.8 - 3.6	0.307	7.8	0.471	12.0	0.047	1.2	500
-	27AC0020	0.120 - 0.135	2.5 - 3.2	0.062 - 0.125	1.6 - 3.2	0.270	6.9	0.330	8.4	0.040	1.0	1000
MMB-125-01BK	MMB-125-01	0.125	3.2	0.080 - 0.100	2.0 - 2.5	0.272	6.9	0.331	8.4	0.039	1.0	1000
MMB-130-01BK	MMB-130-01	0.132	3.4	0.060 - 0.130	1.6 - 3.2	0.280	7.1	0.390	9.9	0.059	1.5	1000
MMB-136-01BK	MMB-136-01	0.136	3.5	0.120 - 0.160	2.9 - 4.0	0.406	10.3	0.437	11.1	0.067	1.7	1000
• 091 000 159 902	• 091 000 100 002	0.138	3.5	0.094 - 0.228	2.4 - 5.8	0.299	7.6	0.512	13.0	0.043	1.1	500
• 091 000 259 902	• 091 000 200 002	0.138	3.5	0.034 - 0.157	0.9 - 4.0	0.406	10.3	0.433	11.0	0.097	2.5	500
• 091 000 359 902	• 091 000 300 002	0.138	3.5	0.034 - 0.157	0.9 - 4.0	0.406	10.3	0.433	11.0	0.189	4.8	500
-	27AC0003	0.151 - 0.161	3.8 - 4.1	0.062 - 0.125	1.6 - 3.2	0.280	7.1	0.390	9.9	0.040	1.0	1000
-	27AC000	0.151 - 0.161	3.8 - 4.1	0.062 - 0.145	1.6 - 3.7	0.280	7.1	0.400	10.2	0.080	2.0	1000
-	27AC0001	0.182 - 0.192	4.6 - 4.9	0.062 - 0.125	1.6 - 3.2	0.360	9.1	0.400	10.2	0.060	1.5	1000
-	27AC0006	0.182 - 0.192	4.6 - 4.9	0.310 - 0.330	7.8 - 7.9	0.370	9.4	0.531	13.5	0.060	1.5	1000
-	27AC0011	0.182 - 0.192	4.6 - 4.9	0.165 - 0.185	4.2 - 4.7	0.375	9.5	0.515	13.1	0.060	1.5	1000
-	27AC0031	0.182 - 0.192	4.6 - 4.9	0.200 - 0.250	5.1 - 6.4	0.270	6.9	0.525	13.3	0.070	1.8	1000
MMB-187-01BK	MMB-187-01	0.187	4.7	0.098 - 0.157	2.5 - 4.0	0.500	12.7	0.429	10.9	0.087	2.2	1000
• 091 000 659 902	• 091 000 600 002	0.189	4.8	0.035 - 0.157	0.9 - 4.0	0.374	9.5	0.433	11.0	0.059	1.5	500
• 091 000 459 902	• 091 000 400 002	0.197	5.0	0.059 - 0.138	1.5 - 3.5	0.374	9.5	0.433	11.0	0.063	1.6	500
• 091 000 769 902	• 091 000 700 002	0.197	5.0	0.118 - 0.236	3.0 - 6.0	0.543	13.8	0.567	14.4	0.087	2.2	250
• 091 001 069 902	• 091 001 000 002	0.197	5.0	0.020 - 0.118	0.5 - 3.0	0.531	13.5	0.567	14.4	0.102	2.6	250
MMB-210-01BK	MMB-210-01	0.210	5.3	0.097 - 0.157	2.5 - 4.0	0.551	14.0	0.551	14.0	0.118	3.0	1000
-	27AC0005	0.213 - 0.223	5.4 - 5.7	0.125 - 0.187	3.2 - 4.7	0.370	9.4	0.450	11.4	0.060	1.5	1000
-	27AC0007	0.213 - 0.223	5.4 - 5.7	0.062 - 0.125	1.6 - 3.2	0.370	9.4	0.540	13.7	0.060	1.5	1000
MMB-132-01BK	MMB-132-01	0.215	5.5	0.062 - 0.157	1.6 - 3.2	0.370	9.4	0.453	11.5	0.059	1.5	1000
• 091 001 259 902	• 091 001 200 002	0.228	5.8	0.236 - 0.335	6.0 - 8.5	0.591	15.0	0.709	18.0	0.118	3.0	250
-	27AC0026	0.240 - 0.260	6.1 - 6.6	0.095 - 0.218	2.4 - 5.5	0.75	19.1	0.606	15.4	0.055	1.4	1000
-	27AC0009	0.250 - 0.261	6.4 - 6.6	0.125 - 0.187	3.2 - 4.7	0.480	12.2	0.562	14.3	0.060	1.5	1000
-	27AC0016	0.250 - 0.262	6.4 - 6.7	0.360 - 0.380	9.1 - 9.7	0.620	15.7	0.767	19.5	0.065	1.7	1000
-	27AC0024	0.250 - 0.263	6.4 - 6.7	0.500 - 0.750	12.7 - 19.1	0.610	15.5	10.021	25.9	0.068	1.7	1000
MMB-250-01BK	MMB-250-01	0.250	6.4	0.098 - 0.220	2.5 - 5.6	0.500	12.7	0.642	16.3	0.087	2.2	1000
• 091 001 159 902	• 091 001 100 002	0.256	6.5	0.118 - 0.276	3.0 - 7.0	0.551	14.0	0.748	19.0	0.098	2.5	250
• 091 001 359 902	• 091 001 300 002	0.260	6.6	0.031 - 0.197	0.8 - 5.0	0.500	12.7	0.571	14.5	0.067	1.7	250
• 091 001 559 902	• 091 001 500 002	0.283	7.2	0.079 - 0.217	2.0 - 5.5	0.563	14.3	0.669	17.0	0.079	2.0	250
• 091 001 653 902	• 091 001 650 002	0.370	9.4	0.118 - 0.354	3.0 - 9.0	0.787	20.0	0.945	24.0	0.102	2.6	250

**PL Series  
Pawl Lock**

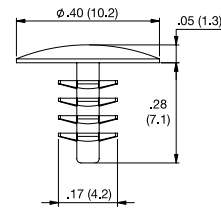
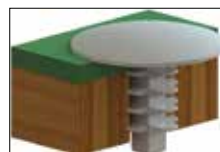
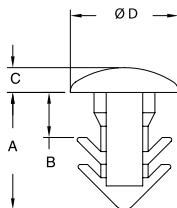


**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Item No.	Ø Hole		B		Ø D		A		C		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
PL-250-10-01	0.250	6.35	0.125	3.2	0.500	12.7	0.606	15.4	0.078	2.0	1000
PL-250-12-01	0.250	6.35	0.264	6.7	0.500	12.7	0.751	19.1	0.070	1.8	1000
PL-250-20-01	0.216	5.5	0.082	2.1	0.354	9.0	0.984	25.0	0.070	1.8	1000

**MPL/PPF Series  
Mini Pawl Lock**



**Specifications:**

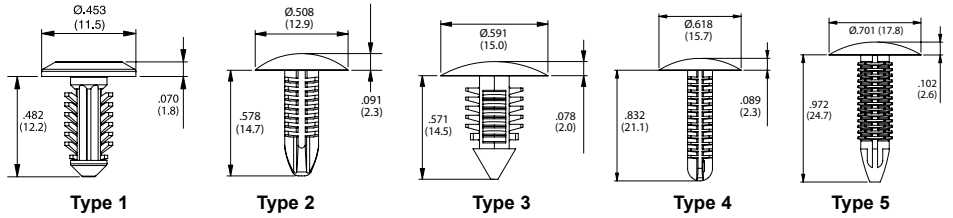
- Material: UL94 V-2 Nylon
- Color: Natural

Item No.	Ø Hole		B		Ø D		A		C		Bulk Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
MPL-3.2M-01	0.126	3.2	0.080	2.0	0.190	4.8	0.190	4.8	0.040	1.1	1000
MPL-32M/35M-01	0.126 - 0.138	3.2 - 3.5	0.080	2.0	0.190	4.8	0.200	5.2	0.040	1.1	1000
PPF-7-01	0.139	3.5	—	—	0.40	10.2	0.28	7.1	0.05	1.3	1000



# FIR TREE RIVETS

## BPF Series Barbed Push Fastener



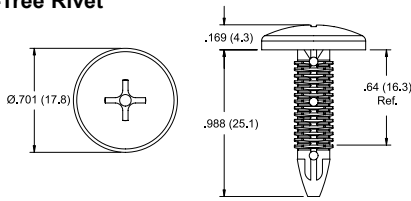
Specifications:

- Material: Nylon 6/6
- Color: Black



Item No.	Ø Hole		Panel Thickness		Head Dia.		Lock Length		Head Thickness		Type	Flame Rating	Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm			
BPF-A414	0.185	4.7	0.031 - 0.118	0.8 - 3.0	0.453	11.5	0.482	12.2	0.070	1.8	1	UL94V-0	1000
BPF-F4410	0.197	5.0	0.059 - 0.295	1.5 - 7.5	0.508	12.9	0.578	14.7	0.091	2.3	2	UL94V-2	1000
BPF-F3T31	0.197	5.0	0.079 - 0.394	2.0 - 10.0	0.618	15.7	0.832	21.1	0.089	2.3	4	UL94V-0	1000
BPF-F2495	0.276	7.0	0.125 - 0.236	3.2 - 6.0	0.591	15.0	0.571	14.5	0.078	2.0	3	UL94V-0	1000
BPF-F1G12	0.276	7.0	0.079 - 0.591	2.0 - 15.0	0.701	17.8	0.972	24.7	0.102	2.6	5	UL94V-0	1000

## BPFR Series Removable Fir-Tree Rivet



Specifications:

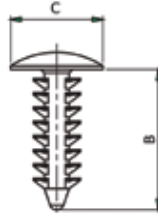
- Material: UL94 V-0 Nylon 6/6
- Color: Black

Features:

- Removable from threaded holes using a phillips head screwdriver

Item No.	Threaded Hole	Non-Threaded Hole	Medium Panel Thickness	Pack Qty.		
	in	mm	in	mm		
BPFR-1	5/16 (M8)	0.276	7.0	0.236	6.0	1000

## Fir Tree Rivets



Specifications:

- Material: Nylon 6/6
- Color: See Table

Features:

- Ideal for threaded, non-threaded, drilled or punched holes
- Designed to be non-removable

Item No.	Ø Hole		Panel Thickness		B		Ø C		Head Height		Pack Qty	
	in	mm	in	mm	in	mm	in	mm	in	mm		
• 468809	• 468833	0.118	3.0	0.157 - 0.650	4.0 - 16.5	0.728	18.5	0.217	5.5	0.039	1.0	1000
• 468811	• 468835	0.138	3.5	0.028 - 0.197	0.7 - 5.0	0.374	9.5	0.358	9.1	0.059	1.5	1000
• 167 102 069 902	• 167 102 000 002	0.138	3.5	0.028 - 0.197	0.7 - 5.0	0.374	9.5	0.358	9.1	—	—	100
• 167 102 569 902	• 167 102 500 002	0.157	4.0	0.028 - 0.236	0.7 - 6.0	0.433	11.0	0.358	9.1	—	—	100
• 27RT187500	-	0.188	4.8	0.025 - 0.365	0.6 - 9.3	0.500	12.7	0.375	9.5	0.070	1.8	1000
• 27RT187550	-	0.188	4.8	0.030 - 0.330	0.8 - 8.4	0.560	14.2	0.435	11.0	0.068	1.7	1000
• 27RT187700PPB	-	0.188	4.8	0.125 - 0.450	3.2 - 11.4	0.700	17.8	0.300	7.6	0.065	1.7	1000
• 460436	-	0.189	4.8	0.024 - 0.363	0.6 - 9.2	0.500	12.7	0.375	9.5	0.071	1.8	1000
• 460437	-	0.189	4.8	0.031 - 0.331	0.8 - 8.4	0.563	14.3	0.437	11.1	0.067	1.7	1000
• 468813	• 468837	0.189	4.8	0.028 - 0.512	0.7 - 13.0	0.681	17.3	0.433	11.0	0.067	1.7	1000
• 167 103 069 902	• 167 103 000 002	0.189	4.8	0.028 - 0.512	0.7 - 13.0	0.681	17.3	0.433	11.0	—	—	100
• 167 103 569 902	• 167 103 500 002	0.189	4.8	0.028 - 0.315	0.7 - 8.0	0.480	12.2	0.433	11.0	—	—	100
• 167 104 069 902	• 167 104 000 002	0.189	4.8	0.028 - 0.315	0.7 - 8.0	0.480	12.2	0.433	11.0	—	—	100
• 463609	-	0.193	4.9	0.094 - 0.291	2.4 - 7.4	0.492	12.5	0.441	11.2	0.043	1.1	100
• 468814	• 468838	0.197	5.0	0.047 - 0.236	1.2 - 6.0	0.433	11.0	0.630	16.0	0.079	2.0	1000
• 468815	• 468838	0.197	5.0	0.067 - 0.315	1.7 - 8.0	0.500	12.7	0.433	11.0	0.039	1.0	1000
• 167 104 569 902	• 167 104 500 002	0.217	5.5	0.059 - 0.559	1.5 - 14.2	0.776	19.7	0.650	16.5	—	—	100
• 167 105 069 902	• 167 105 000 002	0.217	5.5	0.059 - 0.559	1.5 - 14.2	0.776	19.7	0.650	16.5	—	—	100
• 468816	• 468840	0.236	6.0	0.079 - 0.315	2.0 - 8.0	0.500	12.7	0.610	15.5	0.039	1.0	1000
• 468817	• 468841	0.236	6.0	0.098 - 0.315	2.5 - 8.0	0.591	15.0	0.630	16.0	0.079	2.0	1000
• 468819	• 468843	0.236	6.0	0.138 - 0.748	3.5 - 19.0	0.945	24.0	0.500	12.7	0.059	1.5	1000
• 468820	• 468844	0.236	6.0	0.091 - 0.350	2.3 - 8.9	0.610	15.5	0.701	17.8	0.094	2.4	1000
• 468821	• 468845	0.236	6.0	0.098 - 0.472	2.5 - 12.0	0.803	20.4	0.701	17.8	0.098	2.5	1000
• 167 107 069 902	• 167 107 000 002	0.236	6.0	0.098 - 0.472	2.5 - 12.0	0.803	20.4	0.701	17.8	—	—	100
• 167 106 069 902	• 167 106 000 002	0.236	6.0	0.091 - 0.744	2.3 - 18.9	0.610	15.5	0.701	17.8	—	—	100
• 167 107 269 902	• 167 107 200 002	0.236	6.0	0.098 - 0.799	2.5 - 20.3	1.059	26.9	0.701	17.8	—	—	100
• 167 106 569 902	• 167 106 500 002	0.236	6.0	0.126 - 0.406	3.2 - 10.3	0.626	15.9	0.500	12.7	—	—	100
• 460439	-	0.250	6.4	0.106 - 0.299	2.7 - 7.6	0.437	11.1	0.701	17.8	0.098	2.5	1000
• 460440	-	0.250	6.4	0.150 - 0.531	3.8 - 13.5	0.744	18.9	0.701	17.8	0.106	2.7	1000
• 27RT250440	-	0.250	6.4	0.105 - 0.300	2.7 - 7.6	0.470	11.9	0.700	17.8	0.100	2.5	1000
• 27RT250800	-	0.250	6.4	0.150 - 0.535	3.8 - 13.6	0.780	19.8	0.700	17.8	0.100	2.5	1000
• 468824	• 468848	0.252	6.4	0.106 - 0.287	2.7 - 7.3	0.626	15.9	0.752	19.1	0.031	0.8	1000
• 468826	• 468850	0.276	7.0	0.079 - 0.984	2.0 - 25.0	1.370	34.8	1.181	30.0	0.087	2.2	1000
• 167 107 569 902	• 167 107 500 002	0.276	7.0	0.059 - 0.551	1.5 - 14.0	0.835	21.2	0.748	19.0	—	—	100
• 167 108 069 902	• 167 108 000 002	0.276	7.0	0.059 - 1.000	1.5 - 25.4	1.201	30.5	0.748	19.0	—	—	100
• 468828	• 468852	0.276	7.0	0.276 - 0.283	7.0 - 7.2	0.744	18.9	0.626	15.9	0.039	1.0	1000
• 27RT2811000	-	0.281	7.1	0.093 - 0.500	2.4 - 12.7	0.890	22.6	0.626	15.9	0.110	2.8	1000
• 495230	• 497397	0.283	7.2	0.059 - 0.551	1.5 - 14.0	0.835	21.2	0.748	19.0	0.094	2.4	1000
• 495231	• 495233	0.283	7.2	0.059 - 1.000	1.5 - 25.4	1.201	30.5	0.748	19.0	0.079	2.0	1000
• 468799	-	0.295	7.5	0.106 - 0.669	2.7 - 17.0	0.827	21.0	0.748	19.0	0.079	2.0	1000
• 460441	-	0.307	7.8	0.094 - 0.500	2.4 - 12.7	0.890	22.6	0.626	15.9	0.110	2.8	1000
• 468829	• 468853	0.315	8.0	0.130 - 0.500	3.3 - 12.7	0.661	16.8	0.500	12.7	0.059	1.5	1000
• 167 013 069 902	• 167 013 000 002	0.315	8.0	0.130 - 0.500	3.3 - 12.7	0.661	16.8	0.500	12.7	—	—	100
• 468830	-	0.343	8.7	0.055 - 0.512	1.4 - 13.0	0.752	19.1	0.630	16.0	0.091	2.3	1000
• 167 108 569 902	-	0.343	8.7	0.055 - 0.512	1.4 - 13.0	0.752	19.1	0.630	16.0	—	—	100
• 468831	• 468855	0.394	10.0	0.059 - 0.787	1.5 - 20.0	1.110	28.2	0.858	21.8	0.138	3.5	1000
• 167 109 569 902	• 167 109 500 002	0.394	10.0	0.059 - 0.787	1.5 - 20.0	1.110	28.2	0.858	21.8	—	—	100
• 167 109 069 902	• 167 109 000 002	0.394	10.0	0.114 - 0.567	2.9 - 14.4	0.819	20.8	1.000	25.4	—	—	100



FIR TREE RIVETS

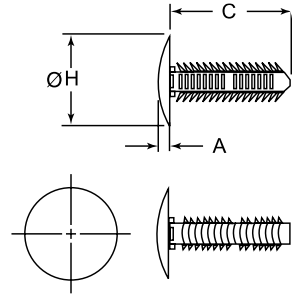
**XT/RBF Series  
Fir Tree Clip Fastener**

**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: Black

**Features:**

- Ribbed design ensures fast and easy installation while securely holding into various materials like wood, metal, foam, rubber and plastic
- When pushed into a hole the flexible ribs deflect then spring back to lock securely in place

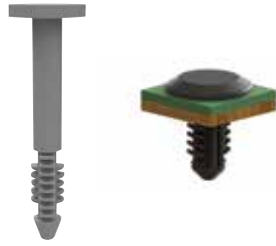


Item No.	Ø Hole		Panel Thickness		Ø H		C		A		Pack Qty.
	n	mm	in	mm	in	mm	in	mm	in	mm	
XT1250125A	0.125	3.2	0.062 - 0.125	1.6 - 3.2	0.344	8.7	0.208	5.3	0.062	1.6	1000
XT1250250A	0.125	3.2	0.062 - 0.250	1.6 - 6.4	0.344	8.7	0.321	8.2	0.062	1.6	1000
XT1250375A	0.125	3.2	0.062 - 0.375	1.6 - 9.5	0.344	8.7	0.458	11.6	0.062	1.6	1000
RBF-4-8-6-8	0.157	4.0	0.080 - 0.170	2.1 - 4.3	0.315	8.0	0.339	8.6	0.039	1.0	1000
RBF-4-8-6-12	0.157	4.0	0.080 - 0.170	2.1 - 4.3	0.472	12.0	0.339	8.6	0.059	1.5	1000
RBF-4-8-6-16	0.157	4.0	0.080 - 0.170	2.1 - 4.3	0.630	16.0	0.339	8.6	0.079	2.0	1000
RBF-4-11-1-8	0.157	4.0	0.080 - 0.280	2.1 - 7.2	0.315	8.0	0.437	11.1	0.039	1.0	1000
RBF-4-11-1-12	0.157	4.0	0.080 - 0.280	2.1 - 7.2	0.472	12.0	0.437	11.1	0.059	1.5	1000
RBF-4-11-1-16	0.157	4.0	0.080 - 0.280	2.1 - 7.2	0.630	16.0	0.437	11.1	0.079	2.0	1000
RBF-4-15-8	0.157	4.0	0.220 - 0.420	5.7 - 10.7	0.315	8.0	0.591	15.0	0.039	1.0	1000
RBF-4-15-12	0.157	4.0	0.220 - 0.420	5.7 - 10.7	0.472	12.0	0.591	15.0	0.059	1.5	1000
RBF-4-15-16	0.157	4.0	0.220 - 0.420	5.7 - 10.7	0.630	16.0	0.591	15.0	0.079	2.0	1000
RBF-4-8-8-6-8	0.188	4.8	0.080 - 0.170	2.1 - 4.3	0.315	8.0	0.339	8.6	0.039	1.0	1000
RBF-4-8-8-6-12	0.188	4.8	0.080 - 0.170	2.1 - 4.3	0.472	12.0	0.339	8.6	0.059	1.5	1000
RBF-4-8-8-6-16	0.188	4.8	0.080 - 0.170	2.1 - 4.3	0.630	16.0	0.339	8.6	0.079	2.0	1000
XT1880250A	0.188	4.8	0.062 - 0.250	1.6 - 6.4	0.500	12.7	0.348	8.8	0.078	2.0	1000
RBF-4-8-11-1-8	0.188	4.8	0.080 - 0.280	2.1 - 7.2	0.315	8.0	0.437	11.1	0.039	1.0	1000
RBF-4-8-11-1-12	0.188	4.8	0.080 - 0.280	2.1 - 7.2	0.472	12.0	0.437	11.1	0.059	1.5	1000
RBF-4-8-11-1-16	0.188	4.8	0.080 - 0.280	2.1 - 7.2	0.630	16.0	0.437	11.1	0.079	2.0	1000
XT1880375A	0.188	4.8	0.062 - 0.375	1.6 - 9.5	0.500	12.7	0.473	12.0	0.078	2.0	1000
RBF-4-8-15-8	0.188	4.8	0.220 - 0.420	5.7 - 10.7	0.315	8.0	0.591	15.0	0.039	1.0	1000
RBF-4-8-15-12	0.188	4.8	0.220 - 0.420	5.7 - 10.7	0.472	12.0	0.591	15.0	0.059	1.5	1000
RBF-4-8-15-16	0.188	4.8	0.220 - 0.420	5.7 - 10.7	0.630	16.0	0.591	15.0	0.079	2.0	1000
XT1880500A	0.188	4.8	0.062 - 0.500	1.6 - 12.7	0.500	12.7	0.598	15.2	0.078	2.0	1000
XT1880625A	0.188	4.8	0.062 - 0.625	1.6 - 15.9	0.500	12.7	0.723	18.4	0.078	2.0	1000
XT1880750A	0.188	4.8	0.062 - 0.750	1.6 - 19.1	0.500	12.7	0.848	21.5	0.078	2.0	1000
RBF-6-4-8-6-8	0.250	6.4	0.080 - 0.170	2.1 - 4.3	0.315	8.0	0.339	8.6	0.039	1.0	1000
RBF-6-4-8-6-12	0.250	6.4	0.080 - 0.170	2.1 - 4.3	0.472	12.0	0.339	8.6	0.059	1.5	1000
RBF-6-4-8-6-16	0.250	6.4	0.080 - 0.170	2.1 - 4.3	0.630	16.0	0.339	8.6	0.079	2.0	1000
XT2500250A	0.250	6.4	0.062 - 0.250	1.6 - 6.4	0.700	17.8	0.391	9.9	0.100	2.5	1000
RBF-6-4-11-1-8	0.250	6.4	0.080 - 0.280	2.1 - 7.2	0.315	8.0	0.437	11.1	0.039	1.0	1000
RBF-6-4-11-1-12	0.250	6.4	0.080 - 0.280	2.1 - 7.2	0.472	12.0	0.437	11.1	0.059	1.5	1000
RBF-6-4-11-1-16	0.250	6.4	0.080 - 0.280	2.1 - 7.2	0.630	16.0	0.437	11.1	0.079	2.0	1000
XT2500375A	0.250	6.4	0.062 - 0.375	1.6 - 9.5	0.700	17.8	0.506	12.9	0.100	2.5	1000
RBF-6-4-15-8	0.250	6.4	0.220 - 0.420	5.7 - 10.7	0.315	8.0	0.591	15.0	0.039	1.0	1000
RBF-6-4-15-12	0.250	6.4	0.220 - 0.420	5.7 - 10.7	0.472	12.0	0.591	15.0	0.059	1.5	1000
RBF-6-4-15-16	0.250	6.4	0.220 - 0.420	5.7 - 10.7	0.630	16.0	0.591	15.0	0.079	2.0	1000
XT2500500A	0.250	6.4	0.062 - 0.500	1.6 - 12.7	0.700	17.8	0.630	16.0	0.100	2.5	1000
XT2500625A	0.250	6.4	0.062 - 0.625	1.6 - 15.9	0.700	17.8	0.755	19.2	0.100	2.5	1000
XT2500750A	0.250	6.4	0.062 - 0.750	1.6 - 19.1	0.700	17.8	0.880	22.4	0.100	2.5	1000
XT2500875A	0.250	6.4	0.062 - 0.875	1.6 - 22.2	0.700	17.8	1.004	25.5	0.100	2.5	1000
XT2501000A	0.250	6.4	0.062 - 1.000	1.6 - 25.4	0.700	17.8	1.120	28.4	0.100	2.5	1000
XT2501250A	0.250	6.4	0.062 - 1.250	1.6 - 31.8	0.700	17.8	1.380	35.1	0.100	2.5	1000
XT2501500A	0.250	6.4	0.062 - 1.500	1.6 - 38.1	0.700	17.8	1.632	41.5	0.100	2.5	1000
XT2501750A	0.250	6.4	0.062 - 1.750	1.6 - 44.5	0.700	17.8	1.882	47.8	0.100	2.5	1000
XT2502000A	0.250	6.4	0.062 - 2.000	1.6 - 50.8	0.787	20.0	2.132	54.2	0.100	2.5	1000
XT2810250A	0.281	7.1	0.062 - 0.250	1.6 - 6.4	0.787	20.0	0.384	9.8	0.100	2.5	1000
RBF-7-1-11-1-8	0.281	7.1	0.080 - 0.280	2.1 - 7.2	0.315	8.0	0.437	11.1	0.039	1.0	1000
RBF-7-1-11-1-12	0.281	7.1	0.080 - 0.280	2.1 - 7.2	0.472	12.0	0.437	11.1	0.059	1.5	1000
RBF-7-1-11-1-16	0.281	7.1	0.080 - 0.280	2.1 - 7.2	0.630	16.0	0.437	11.1	0.079	2.0	1000
XT2810375A	0.281	7.1	0.062 - 0.375	1.6 - 9.5	0.787	20.0	0.515	13.1	0.100	2.5	1000
RBF-7-1-15-8	0.281	7.1	0.150 - 0.420	3.8 - 10.7	0.315	8.0	0.591	15.0	0.039	1.0	1000
RBF-7-1-15-12	0.281	7.1	0.150 - 0.420	3.8 - 10.7	0.472	12.0	0.591	15.0	0.059	1.5	1000
RBF-7-1-15-16	0.281	7.1	0.150 - 0.420	3.8 - 10.7	0.630	16.0	0.591	15.0	0.079	2.0	1000
XT2810500A	0.281	7.1	0.062 - 0.500	1.6 - 12.7	0.787	20.0	0.642	16.3	0.100	2.5	1000
RBF-7-1-19-8	0.281	7.1	0.270 - 0.560	6.9 - 14.2	0.315	8.0	0.748	19.0	0.039	1.0	1000
RBF-7-1-19-12	0.281	7.1	0.270 - 0.560	6.9 - 14.2	0.472	12.0	0.748	19.0	0.059	1.5	1000
RBF-7-1-19-16	0.281	7.1	0.270 - 0.560	6.9 - 14.2	0.630	16.0	0.748	19.0	0.079	2.0	1000
XT2810625A	0.281	7.1	0.062 - 0.625	1.6 - 15.9	0.787	20.0	0.767	19.5	0.100	2.5	1000
XT2810750A	0.281	7.1	0.062 - 0.750	1.6 - 19.1	0.787	20.0	0.894	22.7	0.100	2.5	1000
XT2810875A	0.281	7.1	0.062 - 0.875	1.6 - 22.2	0.787	20.0	1.021	25.9	0.100	2.5	1000
XT2811000A	0.281	7.1	0.062 - 1.000	1.6 - 25.4	0.787	20.0	1.147	29.1	0.100	2.5	1000
XT2811250A	0.281	7.1	0.062 - 1.250	1.6 - 31.8	0.787	20.0	1.401	35.6	0.100	2.5	1000
XT2811500A	0.281	7.1	0.062 - 1.500	1.6 - 38.1	0.787	20.0	1.651	41.9	0.100	2.5	1000
XT2811750A	0.281	7.1	0.062 - 1.750	1.6 - 44.5	0.787	20.0	1.901	48.3	0.100	2.5	1000
XT2812000A	0.281	7.1	0.062 - 2.000	1.6 - 50.8	0.787	20.0	2.153	54.7	0.100	2.5	1000
27XT3120250	0.312	7.9	0.062 - 0.250	1.6 - 6.35	0.874	22.2	0.410	10.4	0.100	2.5	1000
27XT3120375	0.312	7.9	0.062 - 0.375	1.6 - 9.53	0.874	22.2	0.529	13.4	0.100	2.5	1000
27XT3120625	0.312	7.9	0.062 - 0.625	1.6 - 15.9	0.874	22.2	0.783	19.9	0.100	2.5	1000
27XT3120750	0.312	7.9	0.062 - 0.750	1.6 - 19.1	0.874	22.2	0.894	22.7	0.100	2.5	1000
27XT3120875	0.312	7.9	0.062 - 0.875	1.6 - 22.2	0.874	22.2	1.036	26.3	0.100	2.5	1000
27XT3121000	0.312	7.9	0.062 - 1.000	1.6 - 25.4	0.874	22.2	1.163	29.5	0.100	2.5	1000
27XT3121250	0.312	7.9	0.062 - 1.250	1.6 - 31.8	0.874	22.2	1.416	36.0	0.100	2.5	1000
27XT3121500	0.312	7.9	0.062 - 1.500	1.6 - 38.1	0.874	22.2	1.669	42.4	0.100	2.5	1000
XT3121750A	0.312	7.9	0.062 - 1.750	1.6 - 44.5	0.870	22.2	1.930	49.0	0.100	2.5	1000
XT3750250A	0.375	9.5	0.062 - 0.250	1.6 - 6.35	1.000	25.4	0.445	11.3	0.100	2.5	1000
XT3750375A	0.375	9.5	0.062 - 0.375	1.6 - 9.50	1.000	25.4	0.570	14.5	0.100	2.5	1000
XT3750500A	0.375	9.5	0.062 - 0.500	1.6 - 9.53	1.000	25.4	0.689	17.5	0.100	2.5	1000
XT3750625A	0.375	9.5	0.062 - 0.625	1.6 - 12.7	1.000	25.4	0.816	20.7	0.100	2.5	1000
XT3750750A	0.375	9.5	0.062 - 0.750	1.6 - 19.1	1.000	25.4	0.943	24.0	0.100	2.5	1000
XT3750875A	0.375	9.5	0.062 - 0.875	1.6 - 22.2	1.000	25.4	1.070	27.2	0.100	2.5	1000
XT3751000A	0.375	9.5	0.062 - 1.000	1.6 - 25.4	1.000	25.4	1.196	30.4	0.100	2.5	1000
XT3751250A	0.375	9.5	0.062 - 1.250	1.6 - 31.8	1.000	25.4	1.451	36.9	0.100	2.5	1000
XT3751500A	0.375	9.5	0.062 - 1.500	1.6 - 38.1	1.000	25.4	1.705	43.3	0.100	2.5	1000
XT3751750A	0.375	9.5	0.062 - 1.750	1.6 - 44.5	1.000	25.4	1.959	49.8	0.100	2.5	1000
XT3752000A	0.375	9.5	0.062 - 2.000	1.6 - 50.8	1.000	25.4	2.213	56.2	0.100	2.5	1000



FIR TREE RIVETS

**BHF Series**  
Fir Tree Clip Fastener



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Black

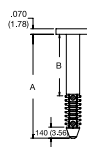


Fig. 1

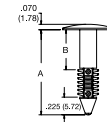


Fig. 2

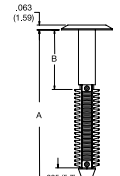
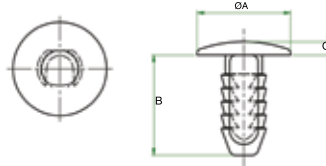


Fig. 3

Item No.	Fig.	Ø Hole		Panel Thickness		B		A		Pack Qty.
		in	mm	in	mm	in	mm	in	mm	
BHF-1	1	0.187	4.8	0.035 - 0.385	0.9 - 9.8	0.02	.5	0.560	14.2	1000
BHF-2	1	0.187	4.8	0.125 - 0.475	3.2 - 12.1	0.11	2.8	0.650	16.5	1000
BHF-3	1	0.187	4.8	0.425 - 0.775	10.8 - 19.7	0.41	10.4	0.950	24.1	1000
BHF-4	1	0.187	4.8	0.800 - 1.150	20.3 - 29.2	0.79	19.9	1.330	33.7	1000
BHF-5	2	0.250	6.4	0.035 - 0.335	0.9 - 8.5	0.02	.5	0.590	15.1	1000
BHF-6	2	0.250	6.4	0.095 - 0.395	2.4 - 10.0	0.08	2.0	0.650	16.6	1000
BHF-7	2	0.250	6.4	0.325 - 0.625	8.3 - 15.9	0.31	7.9	0.880	22.5	1000
BHF-8	2	0.250	6.4	0.525 - 0.825	13.3 - 21.0	0.51	12.9	1.080	27.6	1000
BHF-9	3	0.281	7.1	0.075 - 0.475	1.9 - 12.1	0.06	1.5	0.740	18.7	1000
BHF-10	3	0.281	7.1	0.475 - 0.875	12.1 - 22.2	0.46	11.7	1.140	28.8	1000
BHF-11	3	0.281	7.1	0.075 - 1.025	1.9 - 26.0	0.06	1.5	1.280	32.6	1000
BHF-12	3	0.281	7.1	0.275 - 1.225	7.0 - 31.1	0.26	6.6	1.480	37.7	1000
BHF-13	3	0.281	7.1	0.575 - 1.525	14.6 - 38.7	0.56	14.2	1.780	45.3	1000
BHF-14	3	0.281	7.1	0.775 - 1.725	19.7 - 43.8	0.76	19.3	2.000	50.8	1000

**092 Series**  
Fir Tree Rivet



Specifications:

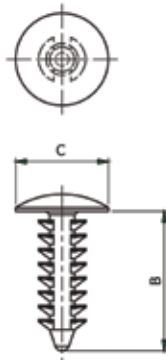
- Material: Nylon 6/6
- Color: See Table

Features:

- Easily installed by hand

Item No.	Ø Hole	Panel Thickness		Ø A		B		C		Pack Qty.	
		in	mm	in	mm	in	mm	in	mm		
092 0001 000 02	0.228	5.8	0.118 - 0.433	3.0 - 11.0	0.551	14.0	0.591	15.0	0.079	2.0	500
092 0002 000 02	0.228	5.8	0.118 - 0.591	3.0 - 15.0	0.630	16.0	0.748	19.0	0.079	2.0	500
092 0004 000 02	0.276	7.0	0.118 - 0.748	3.0 - 19.0	0.709	18.0	0.906	23.0	0.079	2.0	500

**497 Series**  
Fir Tree Rivets - Clear



Specifications:

- Material: Polypropylene
- Color: Clear

Features:

- Ideal for threaded, non-threaded, drilled or punched holes
- Designed to be non-removable
- Good for Point of Purchase displays

Item No.	Ø Hole		Panel Thickness		B		Ø C		Head Height		Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
497394	0.118	3.0	0.157 - 0.650	4.0 - 16.5	0.728	18.5	0.217	5.5	0.039	1.0	1000
495222	0.189	4.8	0.028 - 0.512	0.7 - 13.0	0.681	17.3	0.433	11.0	0.067	1.7	1000
495221	0.236	6.0	0.098 - 0.472	2.5 - 12.0	0.803	20.4	0.701	17.8	0.098	2.5	1000
497395	0.236	6.0	0.079 - 0.315	2.0 - 8.0	0.500	12.7	0.610	15.5	0.039	1.0	1000
497396	0.236	6.0	0.098 - 0.315	2.5 - 8.0	0.591	15.0	0.630	16.0	0.079	2.0	1000
495223	0.236	6.0	0.091 - 0.350	2.3 - 8.9	0.610	15.5	0.701	17.8	0.094	2.4	1000
495224	0.252	6.4	0.421 - 1.134	10.7 - 28.8	1.381	35.1	0.701	17.8	0.098	2.5	1000
495225	0.252	6.4	0.106 - 0.287	2.7 - 7.3	0.626	15.9	0.752	19.1	0.031	0.8	1000
495226	0.276	7.0	0.028 - 0.787	0.7 - 20.0	1.075	27.3	0.709	18.0	0.079	2.0	1000
495227	0.276	7.0	0.079 - 0.984	2.0 - 25.0	1.370	34.8	1.181	30.0	0.087	2.2	1000
497397	0.283	7.2	0.059 - 0.551	1.5 - 14.0	0.835	21.2	0.748	19.0	0.094	2.4	1000
497398	0.295	7.5	0.106 - 0.669	2.7 - 17.0	0.827	21.0	0.748	19.0	0.079	2.0	1000

# FIR TREE RIVETS



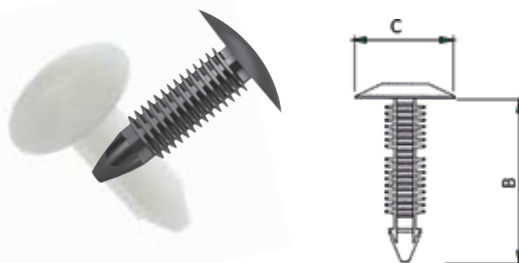
## 167 Series Fir Tree Fasteners

Specifications:

- Material: Nylon 6/6
- Color: Natural or Black

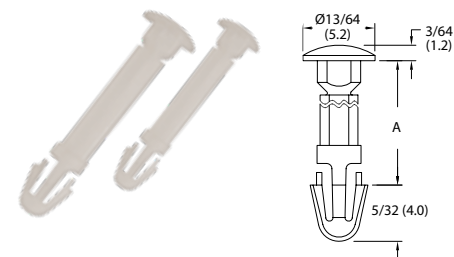
Features:

- Ideal for threaded, non-threaded, drilled or punched holes



Item No.		Ø Hole		Panel Thickness		B		Ø C		Pack Qty
Black	Natural	in	mm	in	mm	in	mm	in	mm	
167 201 069 902	167 201 000 002	0.106	2.7	0.059 - 0.157	1.5 - 4.0	0.276	7.0	0.236	6.0	100
167 201 569 902	167 201 500 002	0.106	2.7	0.059 - 0.315	1.5 - 8.0	0.433	11.0	0.236	6.0	100
167 202 069 902	167 202 000 002	0.106	2.7	0.059 - 0.591	1.5 - 15.0	0.709	18.0	0.236	6.0	100
167 002 069 902	167 002 000 002	0.118	3.0	0.138 - 0.248	3.5 - 6.3	0.307	7.8	0.236	6.0	100
167 002 569 902	167 002 500 002	0.118	3.0	0.157 - 0.472	4.0 - 12.0	0.571	14.5	0.217	5.5	100
167 002 769 902	167 002 700 002	0.118	3.0	0.157 - 0.650	4.0 - 16.5	0.728	18.5	0.213	5.4	100
167 203 069 902	167 203 000 002	0.130	3.3	0.059 - 0.177	1.5 - 4.5	0.315	8.0	0.394	10.0	100
167 003 069 902	167 003 000 002	0.157	4.0	0.035 - 0.315	0.9 - 8.0	0.531	13.5	0.374	9.5	100
167 204 069 902	167 204 000 002	0.161	4.1	0.039 - 0.098	1.0 - 2.5	0.236	6.0	0.472	12.0	100
167 204 569 902	167 204 500 002	0.161	4.1	0.059 - 0.217	1.5 - 5.5	0.394	10.0	0.472	12.0	100
167 205 069 902	167 205 000 002	0.161	4.1	0.079 - 0.394	2.0 - 10.0	0.591	15.0	0.472	12.0	100
167 003 569 902	167 003 500 002	0.187	4.8	0.035 - 0.209	0.9 - 5.3	0.437	11.1	0.433	11.0	100
167 004 069 902	167 004 000 002	0.189	4.8	0.098 - 0.598	2.5 - 15.2	0.701	17.8	0.469	11.9	100
167 004 569 902	167 004 500 002	0.189	4.8	0.079 - 0.394	2.0 - 10.0	0.642	16.3	0.433	11.0	100
167 005 069 902	167 005 000 002	0.197	5.0	0.047 - 0.236	1.2 - 6.0	0.433	11.0	0.630	16.0	100
167 005 569 902	167 005 500 002	0.197	5.0	0.067 - 0.315	1.7 - 8.0	0.500	12.7	0.433	11.0	100
—	167 006 000 002	0.197	5.0	0.059 - 0.480	1.5 - 12.2	0.701	17.8	0.748	19.0	50
167 206 069 902	167 206 000 002	0.220	5.6	0.079 - 0.276	2.0 - 7.0	0.472	12.0	0.512	13.0	100
167 206 569 902	167 206 500 002	0.220	5.6	0.059 - 0.591	1.5 - 15.0	0.787	20.0	0.512	13.0	100
167 207 069 902	167 207 000 002	0.220	5.6	0.039 - 10.063	1.0 - 27.0	1.260	32.0	0.512	13.0	100
167 208 069 902	167 208 000 002	0.232	5.9	0.079 - 0.217	2.0 - 5.5	0.433	11.0	0.669	17.0	100
167 208 569 902	167 208 500 002	0.232	5.9	0.039 - 0.394	1.0 - 10.0	0.591	15.0	0.669	17.0	100
167 209 069 902	167 209 000 002	0.232	5.9	0.079 - 0.748	2.0 - 19.0	0.945	24.0	0.669	17.0	100
167 006 569 902	167 006 500 002	0.236	6.0	0.079 - 0.315	2.0 - 8.0	0.500	12.7	0.610	15.5	100
167 006 769 902	—	0.236	6.0	0.094 - 0.319	2.4 - 8.1	0.500	12.7	0.748	19.0	100
167 007 069 902	—	0.236	6.0	0.098 - 0.394	2.5 - 10.0	0.709	18.0	0.512	13.0	100
167 007 569 902	167 007 500 002	0.236	6.0	0.138 - 0.748	3.5 - 19.0	0.945	24.0	0.500	12.7	100
167 008 569 902	167 008 500 002	0.236	6.0	0.067 - 10.252	1.7 - 31.8	1.441	36.6	1.000	25.4	100
167 009 069 902	167 009 000 002	0.252	6.4	0.035 - 10.043	0.9 - 26.5	1.500	38.1	0.496	12.6	100
167 210 069 902	167 210 000 002	0.269	6.8	0.059 - 0.354	1.5 - 9.0	0.531	14.0	0.512	13.0	100
167 010 069 902	167 010 000 002	0.276	7.0	0.051 - 0.441	1.3 - 11.2	0.705	17.9	0.937	23.8	100
167 011 069 902	167 011 000 002	0.276	7.0	0.094 - 0.469	2.4 - 11.9	0.744	18.9	0.626	15.9	100
167 011 569 902	167 011 500 002	0.276	7.0	0.098 - 0.866	2.5 - 22.0	1.311	33.3	0.598	15.2	100
167 012 069 902	167 012 000 002	0.276	7.0	0.051 - 0.902	1.3 - 22.9	1.260	32.0	0.760	19.3	100
167 012 569 902	167 012 500 002	0.276	7.0	0.531 - 0.921	13.5 - 23.4	1.189	30.2	1.252	31.8	100

## SLPA Series Snap Lock Pin with Arrowhead



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Fixes connectors to PCB's
- Easily installed by hand

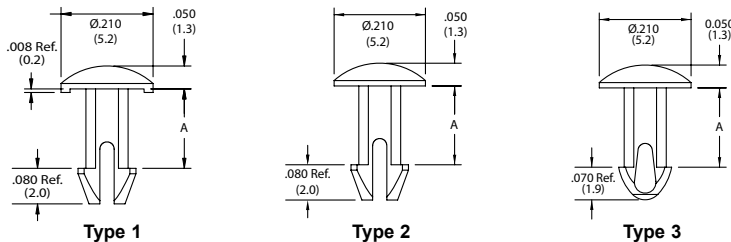
Item No.	Ø Hole		A		Pack Qty.
	in	mm	in	mm	
SLPA125-187-01	0.125	3.2	0.187	4.7	1000
SLPA125-250-01	0.125	3.2	0.250	6.4	1000
SLPA125-312-01	0.125	3.2	0.312	7.9	1000
SLPA125-375-01	0.125	3.2	0.375	9.5	1000
SLPA125-500-01	0.125	3.2	0.500	12.7	1000
SLPA125-625-01	0.125	3.2	0.625	15.9	1000
SLPA125-750-01	0.125	3.2	0.750	19.1	1000

## SLP Series Snap Lock Pin



Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

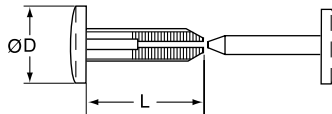


Item No.			Ø Hole		Panel Thickness A	Head Ø	Pack Qty.
Type 1	Type 2	Type 3	in	mm	in	in	
SLP100-177-01	SLP-1-177-01	SLP-2-177-01	0.098	0.177	0.210	1000	
SLP100-221-01	SLP-1-221-01	SLP-2-221-01	0.098	0.221	0.210	1000	
SLP100-236-01	SLP-1-236-01	SLP-2-236-01	0.098	0.236	0.210	1000	
SLP100-245-01	SLP-1-245-01	SLP-2-245-01	0.098	0.245	0.210	1000	
SLP100-307-01	SLP-1-307-01	SLP-2-307-01	0.098	0.307	0.210	1000	
SLP100-316-01	SLP-1-316-01	SLP-2-316-01	0.098	0.316	0.210	1000	
SLP100-330-01	SLP-1-330-01	SLP-2-330-01	0.098	0.33	0.210	1000	
SLP100-413-01	SLP-1-413-01	SLP-2-413-01	0.098	0.413	0.210	1000	
SLP100-638-01	SLP-1-638-01	SLP-2-638-01	0.098	0.638	0.210	1000	
—	SLP125-187-01	—	0.125	0.187	0.200	1000	



# RATCHET FASTENERS

## BR/QB Series Ratchet Fasteners



**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: See Table

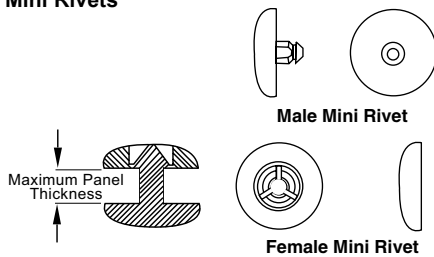
**Features:**

- Quick to install
- Interlocking teeth provide strong locking capability

Item No.		Ø D (Ref.)	L (Ref.)	Ø Hole	Panel Thickness	Pack Qty.
Natural	Black					
27QB375750N	27QB375750B	0.375	0.500	0.250	0.500 - 0.812	1000
27QB371000N	27QB371000B	0.375	0.750	0.250	0.780 - 1.375	1000
27QB625750N	27QB625750B	0.625	0.500	0.250	0.500 - 0.812	1000
27QB621000N	27QB621000B	0.625	0.750	0.250	0.780 - 1.375	1000
27QB375250N	27QB375250B	0.375	0.218	0.250	0.235 - 0.297	1000
27QB375375N	27QB375375B	0.375	0.343	0.250	0.346 - 0.500	1000
27QB625250N	27QB625250B	0.625	0.218	0.250	0.235 - 0.297	1000
27QB625375N	27QB625375B	0.625	0.343	0.250	0.346 - 0.500	1000

Item No.		Ø D (Ref.)	L (Ref.)	Ø Hole	Panel Thickness	Pack Qty.
Natural	Black					
BR2-226-01	BR2-226-01BK	0.406	0.226	0.281	0.235 - 0.297	1000
BR2-344-01	BR2-344-01BK	0.406	0.343	0.281	0.346 - 0.500	1000
BR2-488-01	BR2-488-01BK	0.406	0.500	0.281	0.500 - 0.812	1000
BR2-768-01	BR2-768-01BK	0.406	0.750	0.281	0.781 - 1.375	1000
BR1-226-01	BR1-226-01BK	0.750	0.226	0.281	0.235 - 0.297	1000
BR1-344-01	BR1-344-01BK	0.750	0.344	0.281	0.346 - 0.500	1000
BR1-488-01	BR1-488-01BK	0.750	0.488	0.281	0.500 - 0.812	1000
BR1-768-01	BR1-768-01BK	0.750	0.768	0.281	0.781 - 1.375	1000

## MBR/MR Series Mini Rivets



**Specifications:**

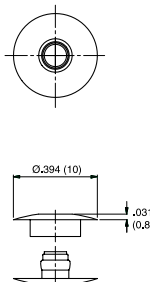
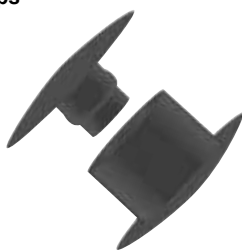
- Material: UL94 V-2 Nylon 6/6
- Color: See Table

**Features:**

- Quick to install by simply pressing together
- Male and female parts sold separately
- Ideal for outdoor environments
- Resistant to corrosion, oil, abrasion and most chemicals

Item No.		Ø Hole		Max Panel Thickness		Head Ø		Head Thickness		Mating Part	Pack Qty.
Natural	Black	in	mm	in	mm	in	mm	in	mm		
<b>Male</b>											
27MRM090020	27MRM090020B	0.094	2.4	0.02	0.51	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090032	27MRM090032B	0.094	2.4	0.032	0.81	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090045	27MRM090045B	0.094	2.4	0.045	1.14	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090062	27MRM090062B	0.094	2.4	0.062	1.57	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090075	27MRM090075B	0.094	2.4	0.075	1.57	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090090	27MRM090090B	0.094	2.4	0.090	1.57	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090112	27MRM090112B	0.094	2.4	0.125	3.18	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
27MRM090312	27MRM090312B	0.094	2.4	0.312	3.18	0.375	9.5	0.075	1.9	27MRF09 or 27MRF09B	1000
<b>Female</b>											
27MRF09	27MRF09B	—	—	—	—	0.375	9.5	0.075	1.9	27MRM09XXXX	1000
<b>Male</b>											
MBRP1-030-01	-	0.125	3.2	0.03	0.8	0.4	10.2	0.09	2.3	MBRR1-01	1000
27MRM125045	27MRM125045B	0.125	3.2	0.045	1.1	0.5	12.7	0.10	2.5	27MRF12 or 27MRF12B	1000
MBRP1-062-01	-	0.125	3.2	0.062	1.6	0.4	10.2	0.09	2.3	MBRR1-01	1000
MBRP1-100-01	-	0.125	3.2	0.100	2.5	0.4	10.2	0.09	2.3	MBRR1-01	1000
MBRP1-125-01	-	0.125	3.2	0.125	3.2	0.4	10.2	0.09	2.3	MBRR1-01	1000
27MRM125143	27MRM125143B	0.125	3.2	0.143	3.6	0.5	12.7	0.10	2.5	27MRF12 or 27MRF12B	1000
MBRP1-187-01	-	0.125	3.2	0.187	4.8	0.4	10.2	0.09	2.3	MBRR1-01	1000
MBRP1-250-01	-	0.125	3.2	0.250	6.4	0.4	10.2	0.09	2.3	MBRR1-01	1000
27MRM125325	27MRM125325B	0.125	3.2	0.325	8.3	0.5	12.7	0.10	2.5	27MRF12 or 27MRF12B	1000
<b>Female</b>											
MBRR1-01	-	—	—	—	—	0.4	10.2	0.10	2.5	MBRP1-XXX or RM	1000
27MRF12	27MRF12B	—	—	—	—	0.5	12.7	0.10	2.5	27MRM125XXXX	1000

## 8201 Series Male/Female Push Clips



**Specifications:**

- Material: Nylon 6/6
- Color: See Table

**Features:**

- Low profile on both sides of the assembly
- Holds flat panels together
- Fast and easy clip in design
- Pack quantity includes 1000 each of male and female parts

Item No.		Ø Hole		Maximum Panel Thickness		Pack Qty.
White	Black	in	mm	in	mm	
820 102 000 8VR	820 102 000 1VR	0.236	6.0	0.087	2.2	1000
820 103 000 8VR	820 103 000 1VR	0.236	6.0	0.126	3.2	1000
820 104 000 8VR	820 104 000 1VR	0.236	6.0	0.165	4.2	1000
820 105 000 8VR	820 105 000 1VR	0.236	6.0	0.205	5.2	1000



**8501 Series  
SR1990 Snap Fasteners**

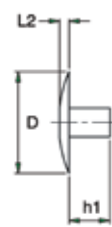


**Specifications:**

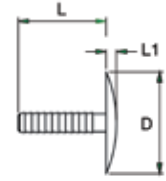
- Material:  
Female Washer: Low-Density Polyethylene  
Male Clip: Polypropylene
- Color: See Table

**Features:**

- Pack quantity includes 1000 each of male and female parts
- Ideal for fixing corrugated panel



Female Washer



Male Clip

Item No.			Ø Hole		Panel Thickness		Ø D		L	L1	L2	h1	Pack Qty.
Black	White	Clear	in	mm	in	mm	in	mm	in	in	in	in	
8502160901VR	8502160908VR	8502160900VR	0.315 - 0.787	8 - 20	0.236 - 0.394	6 - 10	1.181	30	0.551	0.118	0.118	0.236	1000
8502260901VR	8502260908VR	8502260900VR	0.315 - 0.787	8 - 20	0.236 - 0.394	6 - 22	1.181	30	1.102	0.118	0.118	0.236	1000
8502440901VR	8502440908VR	8502440900VR	0.315 - 0.787	8 - 20	0.787 - 1.575	20 - 40	1.181	30	1.732	0.118	0.118	0.236	1000
8501160901VR	8501160908VR	8501160900VR	0.315 - 0.787	8 - 20	0.472 - 0.709	12 - 18	1.181	30	0.551	0.118	0.118	0.472	1000
8501260901VR	8501260908VR	8501260900VR	0.315 - 0.787	8 - 20	0.472 - 1.181	12 - 30	1.181	30	1.102	0.118	0.118	0.472	1000
8501440901VR	8501440908VR	8501440900VR	0.315 - 0.787	8 - 20	0.472 - 1.811	12 - 46	1.181	30	1.732	0.118	0.118	0.472	1000
8501150901VR	8501150908VR	8501150900VR	0.197 - 0.630	5 - 10	0.000 - 0.315	0 - 8	0.591	15	0.591	0.079	0.138	0.000	1000
8501220901VR	8501220908VR	8501220900VR	0.197 - 0.630	5 - 10	0.000 - 0.630	0 - 16	0.591	15	0.866	0.079	0.138	.0000	1000

**KY Series  
Key Hole Clips**

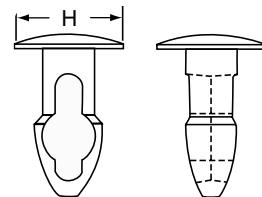


**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

**Features:**

- Key-hole shaped interior allows for easy assembly with finger pressure
- Tapered end slides easily into any hole
- High retention force



Item No.	Ø Hole	Panel Thickness	Ø H	Pack Qty.
27KY1250093	0.125	0.093	0.250	1000
27KY1250125	0.125	0.125	0.250	1000
27KY1250156	0.125	0.156	0.250	1000
27KY1250187	0.125	0.188	0.250	1000
27KY1250219	0.125	0.219	0.250	1000
27KY1250250	0.125	0.250	0.250	1000
27KY1560093	0.156	0.093	0.312	1000
27KY1560125	0.156	0.125	0.312	1000
27KY1560156	0.156	0.156	0.312	1000
27KY1560187	0.156	0.187	0.312	1000
27KY1560218	0.156	0.218	0.312	1000
27KY1560250	0.156	0.250	0.312	1000
27KY1560281	0.156	0.281	0.312	1000
27KY1560312	0.156	0.312	0.312	1000
27KY1560343	0.156	0.343	0.312	1000
27KY1560375	0.156	0.375	0.312	1000
27KY1870093	0.187	0.093	0.312	1000
27KY1870125	0.187	0.125	0.312	1000
27KY1870156	0.187	0.156	0.312	1000
27KY1870187	0.187	0.187	0.312	1000
27KY1870219	0.187	0.219	0.312	1000
27KY1870250	0.187	0.250	0.312	1000
27KY1870281	0.187	0.281	0.312	1000
27KY1870312	0.187	0.312	0.312	1000
27KY1870343	0.187	0.344	0.312	1000

Item No.	Ø Hole	Panel Thickness	Ø H	Pack Qty.
27KY1870375	0.187	0.375	0.312	1000
27KY2190093	0.219	0.093	0.343	1000
27KY2190125	0.219	0.125	0.343	1000
27KY2190156	0.219	0.156	0.343	1000
27KY2190187	0.219	0.187	0.343	1000
27KY2190219	0.219	0.291	0.343	1000
27KY2190250	0.219	0.250	0.343	1000
27KY2190281	0.219	0.281	0.343	1000
27KY2190312	0.219	0.312	0.343	1000
27KY2190343	0.219	0.343	0.344	1000
27KY2190375	0.219	0.375	0.344	1000
27KY2500093	0.250	0.093	0.500	1000
27KY2500125	0.250	0.125	0.500	1000
27KY2500156	0.250	0.156	0.500	1000
27KY2500187	0.250	0.187	0.500	1000
27KY2500219	0.250	0.219	0.500	1000
27KY2500250	0.250	0.250	0.500	1000
27KY2500281	0.250	0.281	0.500	1000
27KY2500312	0.250	0.312	0.500	1000
27KY2500343	0.250	0.343	0.500	1000
27KY2500375	0.250	0.375	0.500	1000
27KY2500406	0.250	0.406	0.500	1000
27KY2500437	0.250	0.437	0.500	1000
27KY2500468	0.250	0.468	0.500	1000
27KY2500500	0.250	0.500	0.500	1000





## SCREW COVERS &amp; CAPS

POB and POC Series  
Decorative Screw Covers

Base



Cap

## Specifications:

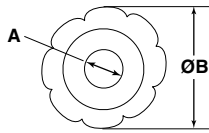
- Material: Base (POB): Polypropylene
- Color: Natural
- Material: Cap (POC): Polypropylene
- Color: See Table

## Features:

- An attractive solution to cover screws
- Caps and bases sold separately
- Special colors available – consult factory
- POB bases must be paired with corresponding POC caps for assembly

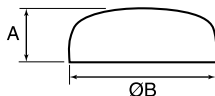


Base Only



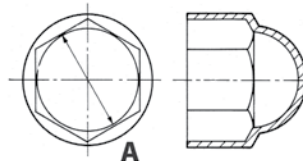
Base

Item No.	Screw Bases For	A	ØB	Covers Screw Size	Pack Qty.
POB100A	#4 Pan	0.120	0.415	0.115	500
POB125A	#6 Pan	0.151	0.415	0.115	500
POB150A	#4/#6 Countersunk	0.151	0.415	0.115	500
POB200A	#8 Pan	0.176	0.500	0.125	500
POB225A	#10 Pan	0.195	0.500	0.125	500
POB250A	#8/#10 Countersunk	0.195	0.500	0.125	500
POB300A	1/4"-20 Pan	0.245	0.620	0.125	500
POB350A	1/4"-20 Countersunk	0.245	0.620	0.13	500

Cap  
(Fully Assembled)

Cap

Item No.		A	Ø B	Covers Screw Size	Pack Qty.
Matte White	Matte Black				
POC100MA	POC100MB	0.200	0.500	#4 and #6	500
POC200MA	POC200MB	0.260	0.630	#8 and #10	500
POC300MA	POC300MB	0.260	0.700	1/4"-20	500

BNC Series  
Bolt and Nut Caps

## Specifications:

- Material: Low-Density Polyethylene with UV Stabilizer
- Color: Black and White

## Features:

- Protects against weathering and tampering
- Enhances finished appearance

Item No.		Fits Bolt Size	Ø A		Pack Qty.
Black	White		in	mm	
BNC0189A	BNC0189B	#10	0.306	7.77	1000
BNC0250A	BNC0250B	1/4"	0.425	10.80	5000
BNC0312A	BNC0312B	5/16"	0.484	12.29	1000
BNC0375A	BNC0375B	3/8"	0.550	13.97	1000
BNC0437A	BNC0437B	7/16"	0.622	15.80	2500
BNC0500A	BNC0500B	1/2"	0.740	18.80	2000
BNC0625A	BNC0625B	5/8"	0.937	23.80	1000
BNC05A	BNC05B	5mm	0.311	7.90	5000

Item No.		Fits Bolt Size	Ø A		Pack Qty.
Black	White		in	mm	
BNC06A	BNC06B	6mm	0.386	9.80	5000
BNC08A	BNC08B	8mm	0.504	12.80	5000
BNC10A	BNC10B	10mm	0.661	16.79	2500
BNC14A	BNC14B	14mm	0.858	21.79	1200
BNC18A	BNC18B	18mm	1.055	26.80	1500
BNC20A	BNC20B	20mm	1.173	29.79	1200
BNC22A	BNC22B	22mm	1.252	31.80	800
BNC24A	BNC24B	24mm	1.406	35.71	500



**HBG Series**  
Ohio Nut and Bolt Caps



Specifications:

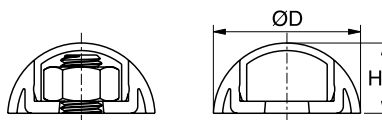
- Material: Elastomeric Polyethylene
- Color: Gray

Features:

- Low-Cost alternative to adjustable swivel glides
- Used in conjunction with Ohio Nut and Bolt parts, capping the head of the bolt with a non-skid, non-marking elastomeric cap

Item No.	Head Ø in	Head Thickness in	Pack Qty.
HBG1010A	0.750	0.093	5000
HBG1020A	0.875	0.125	3800
HBG1030A	1.062	0.156	2200

**SCC Series**  
Secure Cover Caps



Specifications:

- Material: Polypropylene
- Color: See Table

Features:

- To cover bolt head or nut depending on application
- Cap design snaps securely into base
- Able to mix or match colors for the cap and the base
- Ideal for outdoor furniture or playground equipment

Item No.						Fits Bolt and Nut		Ø D in	H in	Pack Qty.
White		Black		Red		Std	Metric			
Cap	Base	Cap	Base	Cap	Base	—	M6	0.984	0.472	250
SCC003W	SCB003W	SCC003B	SCB003B	SCC003R	SCB003R	5/16	M8	1.260	0.551	250
SCC010W	SCB010W	SCC010B	SCB010B	SCC010R	SCB010R	3/8	M10	1.496	0.669	100
SCC015W	SCB015W	SCC015B	SCB015B	SCC015R	SCB015R	7/16	M12	1.693	0.807	100

Item No.						Fits Bolt and Nut		Ø D in	H in	Pack Qty.
Blue		Green		Yellow		Std	Metric			
Cap	Base	Cap	Base	Cap	Base	—	M6	0.984	0.472	250
SCC003BL	SCB003BL	SCC003G	SCB003G	SCC003Y	SCB003Y	5/16	M8	1.260	0.551	250
SCC010BL	SCB010BL	SCC010G	SCB010G	SCC010Y	SCB010Y	3/8	M10	1.496	0.669	100
SCC015BL	SCB015BL	SCC015G	SCB015G	SCC015Y	SCB015Y	7/16	M12	1.693	0.807	100

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# DECORATIVE SCREW CAPS AND SCREWS

## USC Series Screw Caps

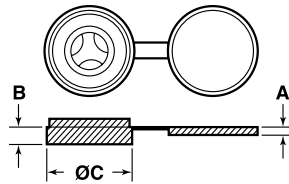


Fig. 1

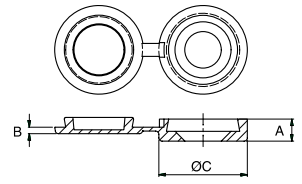


Fig. 2



**Specifications:**

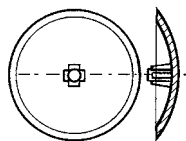
- Material: Polypropylene
- Color: See Table

**Features:**

- The USC series fits a range of screw sizes, reducing the need to inventory a wide variety of caps
- Each cap will take a No. 6, 8 or 10 flat head, and an oval head or No. 6 round head screw

Item No.	Color	Fig	Fits Screw	A		B		Ø C		Pack Qty.
				in	mm	in	mm	in	mm	
USC0406A	White	1	#4 to 6	0.060	1.52	0.130	3.30	0.462	11.73	1000
USC0406B	Black	1	#4 to 6	0.060	1.52	0.130	3.30	0.462	11.73	1000
USC6810A	White	2	6 to 12 and M3.5/M6	0.039	1.0	0.134	3.4	0.535	13.6	5000
USC6810C	Black	2	6 to 12 and M3.5/M6	0.039	1.0	0.134	3.4	0.535	13.6	5000
USC464219A	White	1	1/4	0.114	2.90	0.197	5.00	0.689	17.50	5000
USC464220A	Black	1	1/4	0.114	2.90	0.197	5.00	0.689	17.50	5000
USC3800A	White	1	3/8	0.114	2.90	0.326	8.28	0.950	24.13	1000
USC3800B	Black	1	3/8	0.114	2.90	0.326	8.28	0.950	24.13	1000

## CH Series Cross Head Screw Caps



**Specifications:**

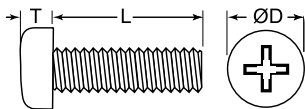
- Material: Low-Density Polyethylene
- Color: White

**Features:**

- Provides excellent concealment and protection of cross-head screws

Item No.	Total Ø		Fits Drive Size	Pack Qty.
	in	mm		
CH2A	0.570	14.5	#2	20000
CH3A	0.575	14.6	#3	20000
CH4A	0.705	17.9	#4	10000

## NSP Series Pan Phillips Head Screws



**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

**Features:**

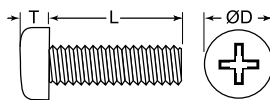
- Threaded nylon bolts and screws are the ideal fastener for mechanically securing materials
- Ideal for outdoor environments
- Lightweight compared to metal screws and bolts
- Resistant to corrosion, oil, abrasion and most chemicals

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
NSP-4-2-01	#4-40	0.125	3.175	0.080	2.032	0.210	5.334	1000
NSP-4-3-01	#4-40	0.188	4.775	0.080	2.032	0.210	5.334	1000
NSP-4-4-01	#4-40	0.250	6.350	0.080	2.032	0.210	5.334	1000
NSP-4-5-01	#4-40	0.313	7.950	0.080	2.032	0.210	5.334	1000
NSP-4-6-01	#4-40	0.375	9.525	0.080	2.032	0.210	5.334	1000
NSP-4-7-01	#4-40	0.438	11.125	0.080	2.032	0.210	5.334	1000
NSP-4-8-01	#4-40	0.500	12.700	0.080	2.032	0.210	5.334	1000
NSP-4-10-01	#4-40	0.625	15.875	0.080	2.032	0.210	5.334	1000
NSP-4-12-01	#4-40	0.750	19.050	0.080	2.032	0.210	5.334	1000
NSP-4-14-01	#4-40	0.875	22.225	0.080	2.032	0.210	5.334	1000
NSP-4-16-01	#4-40	1.000	25.400	0.080	2.032	0.210	5.334	1000
NSP-6-2-01	#6-32	0.125	3.175	0.090	2.286	0.260	6.604	1000
NSP-6-3-01	#6-32	0.188	4.775	0.090	2.286	0.260	6.604	1000
NSP-6-4-01	#6-32	0.250	6.350	0.090	2.286	0.260	6.604	1000
NSP-6-5-01	#6-32	0.313	7.950	0.090	2.286	0.260	6.604	1000
NSP-6-6-01	#6-32	0.375	9.525	0.090	2.286	0.260	6.604	1000

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
NSP-6-5-01	#6-32	0.313	7.950	0.090	2.286	0.260	6.604	1000
NSP-6-6-01	#6-32	0.375	9.525	0.090	2.286	0.260	6.604	1000
NSP-6-7-01	#6-32	0.438	11.125	0.090	2.286	0.260	6.604	1000
NSP-6-8-01	#6-32	0.500	12.700	0.090	2.286	0.260	6.604	1000
NSP-6-10-01	#6-32	0.625	15.875	0.090	2.286	0.260	6.604	1000
NSP-6-12-01	#6-32	0.750	19.050	0.090	2.286	0.260	6.604	1000
NSP-6-14-01	#6-32	0.875	22.225	0.090	2.286	0.260	6.604	1000
NSP-6-16-01	#6-32	1.000	25.400	0.090	2.286	0.260	6.604	1000
NSP-8-4-01	#8-32	0.250	6.350	0.110	2.794	0.320	8.128	1000
NSP-8-6-01	#8-32	0.375	9.525	0.110	2.794	0.320	8.128	1000
NSP-8-8-01	#8-32	0.500	12.700	0.110	2.794	0.320	8.128	1000
NSP-8-10-01	#8-32	0.625	15.875	0.110	2.794	0.320	8.128	1000
NSP-8-12-01	#8-32	0.750	19.050	0.110	2.794	0.320	8.128	1000
NSP-8-14-01	#8-32	0.875	22.225	0.110	2.794	0.320	8.128	1000
NSP-8-16-01	#8-32	1.000	25.400	0.110	2.794	0.320	8.128	1000



**M Series**  
Metric Pan Phillips Head Screws



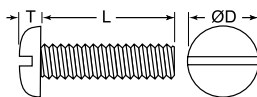
Specifications:

- Material: Nylon 6/6
- Color: Natural

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
50M030050P006	M3	0.236	6.000	0.091	2.300	0.213	5.400	1000
50M030050P008	M3	0.315	8.000	0.098	2.500	0.224	5.700	1000
50M030050P010	M3	0.394	10.000	0.091	2.300	0.213	5.400	1000
50M030050P016	M3	0.630	16.000	0.091	2.300	0.213	5.400	1000
50M030050P025	M3	0.984	25.000	0.091	2.300	0.213	5.400	1000
50M040070P006	M4	0.236	6.000	0.114	2.900	0.315	8.000	1000
50M040070P008	M4	0.315	8.000	0.110	2.800	0.291	7.400	1000
50M040070P010	M4	0.394	10.000	0.114	2.900	0.315	8.000	1000
50M040070P016	M4	0.630	16.000	0.114	2.900	0.315	8.000	1000
50M040070P025	M4	0.984	25.000	0.114	2.900	0.315	8.000	1000
50M050080P06	M5	0.236	6.000	0.138	3.500	0.366	9.300	1000
50M050080P10	M5	0.394	10.000	0.138	3.500	0.366	9.300	1000

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
50M050080P16	M5	0.630	16.000	0.138	3.500	0.366	9.300	1000
50M050080P25	M5	0.984	25.000	0.138	3.500	0.366	9.300	1000
50M060100P010	M6	0.394	10.000	0.177	4.500	0.453	11.500	1000
50M060100P016	M6	0.630	16.000	0.177	4.500	0.453	11.500	1000
50M060100P025	M6	0.984	25.000	0.177	4.500	0.453	11.500	1000
50M080125P010	M8	0.394	10.000	0.226	5.750	0.630	16.000	1000
50M080125P016	M8	0.630	16.000	0.226	5.750	0.630	16.000	1000
50M080125P025	M8	0.984	25.000	0.226	5.750	0.630	16.000	1000
50M100150N016	M10	0.630	16.000	0.285	7.250	0.787	20.000	500
50M100150P020	M10	0.787	20.000	0.285	7.250	0.787	20.000	500
50M100150P030	M10	1.181	30.000	0.285	7.250	0.787	20.000	500

**P Series**  
Pan Slotted Head Screws



Specifications:

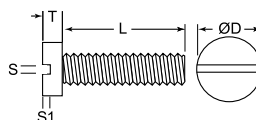
- Material: Nylon 6/6
- Color: Natural

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
010440P018	#4-40	0.188	4.775	0.080	2.032	0.210	5.334	1000
010440P025	#4-40	0.250	6.350	0.080	2.032	0.210	5.334	1000
010440P037	#4-40	0.375	9.525	0.080	2.032	0.210	5.334	1000
010440P043	#4-40	0.438	11.125	0.080	2.032	0.210	5.334	1000
010440P050	#4-40	0.500	12.700	0.080	2.032	0.210	5.334	1000
010440P062	#4-40	0.625	15.875	0.080	2.032	0.210	5.334	1000
010440P075	#4-40	0.750	19.050	0.080	2.032	0.210	5.334	1000
010440P100	#4-40	1.000	25.400	0.080	2.032	0.210	5.334	1000
010632P012	#6-32	0.125	3.175	0.090	2.286	0.260	6.604	1000
010632P018	#6-32	0.188	4.775	0.090	2.286	0.260	6.604	1000
010632P025	#6-32	0.250	6.350	0.090	2.286	0.260	6.604	1000
010632P031	#6-32	0.313	7.950	0.090	2.286	0.260	6.604	1000
010632P037	#6-32	0.375	9.525	0.090	2.286	0.260	6.604	1000
010632P050	#6-32	0.500	12.700	0.090	2.286	0.260	6.604	1000
010632P062	#6-32	0.625	15.875	0.090	2.286	0.260	6.604	1000
010632P075	#6-32	0.750	19.050	0.090	2.286	0.260	6.604	1000
010632P087	#6-32	0.875	22.225	0.090	2.286	0.260	6.604	1000
010632P100	#6-32	1.000	25.400	0.090	2.286	0.260	6.604	1000

Item No.	Thread	L		T		ØD		Pack Qty.
		in	mm	in	mm	in	mm	
010832P025	#8-32	0.250	6.350	0.110	2.794	0.320	8.128	1000
010832P037	#8-32	0.375	9.525	0.110	2.794	0.320	8.128	1000
010832P043	#8-32	0.438	11.125	0.110	2.794	0.320	8.128	1000
010832P050	#8-32	0.500	12.700	0.110	2.794	0.320	8.128	1000
010832P062	#8-32	0.625	15.875	0.110	2.794	0.320	8.128	1000
010832P075	#8-32	0.750	19.050	0.110	2.794	0.320	8.128	1000
010832P087	#8-32	0.875	22.225	0.110	2.794	0.320	8.128	1000
010832P100	#8-32	1.000	25.400	0.110	2.794	0.320	8.128	1000
010832P200	#8-32	2.000	50.800	0.120	3.048	0.314	7.976	1000
011032P050	#10-32	0.500	12.700	0.127	3.226	0.365	9.271	1000
011032P100	#10-32	1.000	25.400	0.127	3.226	0.365	9.271	1000
011032P200	#10-32	2.000	50.800	0.171	4.343	0.483	12.268	1000
P-S1420X1/4	1/4-20	0.250	6.350	0.171	4.343	0.483	12.268	1000
012520P050	1/4-20	0.500	12.700	0.171	4.343	0.483	12.268	1000
P-S1420X3/4	1/4-20	0.750	19.050	0.171	4.343	0.483	12.268	1000
012520P100	1/4-20	1.000	25.400	0.171	4.343	0.483	12.268	1000
P-S1420X1/2	1/4-20	1.500	38.100	0.171	4.343	0.483	12.268	1000
012520P175	1/4-20	1.750	44.450	0.171	4.343	0.483	12.268	1000
012520P200	1/4-20	2.000	50.800	0.171	4.343	0.483	12.268	1000

**M Series**  
Metric Cheese Slotted Head Bolts

Thread	D (mm)	T (mm)	S (mm)	S1 (mm)
M2	3.8	1.3	0.7	0.9
M2.5	4.5	1.6	0.8	1.0
M3	5.5	2.0	1.0	1.3
M3.5	6.0	2.4	1.1	1.4
M4	7.0	2.6	1.2	1.6
M5	8.5	3.3	1.5	2.0
M6	10.0	3.9	1.9	2.3
M8	13.0	5.0	2.3	2.8
M10	15.63	6.0	2.8	3.2



Specifications:

- Material: Nylon 6/6
- Color: Natural

Item No.	Thread	L mm	Pack Qty.
50M020040D006	M2 x 0.4	6	1000
50M025045D006	M2.5 x 0.45	6	1000
50M025045D016	M2.5 x 0.45	16	1000
50M030050D006	M3 x 0.5	6	1000
50M030050D008	M3 x 0.5	8	1000
50M030050D010	M3 x 0.5	10	1000
50M030050D012	M3 x 0.5	12	1000
50M030050D016	M3 x 0.5	16	1000
50M030050D020	M3 x 0.5	20	1000
50M035060D010	M3.5 x 0.6	10	1000
50M040070D006	M4 x 0.7	6	1000
50M040070D008	M4 x 0.7	8	1000
50M040070D010	M4 x 0.7	10	1000
50M040070D012	M4 x 0.7	12	1000

Item No.	Thread	L mm	Pack Qty.
50M040070D016	M4 x 0.7	16	1000
50M040070D020	M4 x 0.7	20	1000
50M040070D030	M4 x 0.7	30	1000
50M050080D010	M5 x 0.8	10	1000
50M050080D016	M5 x 0.8	16	1000
50M050080D025	M5 x 0.8	25	1000
50M060100D012	M6 x 1.0	12	1000
50M060100D016	M6 x 1.0	16	1000
50M060100D030	M6 x 1.0	30	1000
50M080125D010	M8 x 1.25	10	1000
50M080125D025	M8 x 1.25	25	1000
50M100150D025	M10 x 1.5	25	1000
50M100150D030	M10 x 1.5	30	1000



## SOCKET HEAD SCREWS, WASHERS, NUTS

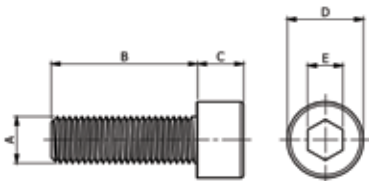
183 Series  
PEEK® Socket Head Screw

## Specifications:

- Material: UL94 V-0 PEEK®
- Color: Light Brown

## Features:

- Heat Resistant up to 350°F
- Excellent mechanical and chemical resistance properties
- High abrasion resistance
- Resistant to water



Item No.	A Thread	B mm	C mm	Ø D mm	E mm	Pack Qty.
183 030 870 409	M3	8.0	3.0	5.5	2.5	25
183 031 070 409	M3	10.0	3.0	5.5	2.5	25
183 031 270 409	M3	12.0	3.0	5.5	2.5	25
183 031 570 409	M3	15.0	3.0	5.5	2.5	25
183 032 070 409	M3	20.0	3.0	5.5	2.5	10
183 032 570 409	M3	25.0	3.0	5.5	2.5	10
183 040 870 409	M4	8.0	4.0	7.0	3.0	10
183 041 070 409	M4	10.0	4.0	7.0	3.0	10
183 041 270 409	M4	12.0	4.0	7.0	3.0	10
183 041 570 409	M4	15.0	4.0	7.0	3.0	10
183 042 070 409	M4	20.0	4.0	7.0	3.0	10
183 042 570 409	M4	25.0	4.0	7.0	3.0	10
183 043 070 409	M4	30.0	4.0	7.0	3.0	10
183 050 870 409	M5	8.0	5.0	8.5	4.0	10
183 051 070 409	M5	10.0	5.0	8.5	4.0	10
183 051 270 409	M5	12.0	5.0	8.5	4.0	10
183 051 570 409	M5	15.0	5.0	8.5	4.0	10
183 052 070 409	M5	20.0	5.0	8.5	4.0	10
183 052 570 409	M5	25.0	5.0	8.5	4.0	10
183 053 070 409	M5	30.0	5.0	8.5	4.0	10
183 061 070 409	M6	10.0	6.0	10.0	5.0	10
183 061 270 409	M6	12.0	6.0	10.0	5.0	10
183 061 570 409	M6	15.0	6.0	10.0	5.0	10
183 062 070 409	M6	20.0	6.0	10.0	5.0	10
183 062 570 409	M6	25.0	6.0	10.0	5.0	10
183 063 070 409	M6	30.0	6.0	10.0	5.0	10
183 063 570 409	M6	35.0	6.0	10.0	5.0	10
183 081 070 409	M8	10.0	8.0	13.0	6.0	1
183 081 270 409	M8	12.0	8.0	13.0	6.0	1
183 081 570 409	M8	15.0	8.0	13.0	6.0	1
183 082 070 409	M8	20.0	8.0	13.0	6.0	1
183 082 570 409	M8	25.0	8.0	13.0	6.0	1
183 083 070 409	M8	30.0	8.0	13.0	6.0	1
183 083 570 409	M8	35.0	8.0	13.0	6.0	1

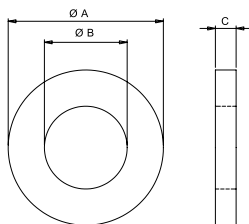
185 Series  
PEEK® Flat Washers

## Specifications:

- Material: UL94 V-0 PEEK®
- Color: Light Brown

## Features:

- Heat Resistant up to 350°F

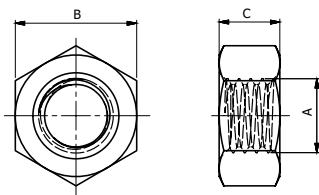


Item No.	Ø B		Ø A		C		Fits Screw		Pack Qty.
	in	mm	in	mm	in	mm	Standard	Metric	
185020070409	0.106	2.7	0.236	6.0	0.020	0.5	#3	M2.5	250
185030070409	0.126	3.2	0.276	7.0	0.020	0.5	#5	M3	250
185040070409	0.169	4.3	0.354	9.0	0.031	0.8	#8	M4	250
185050070409	0.209	5.3	0.394	10.0	0.039	1.0	#10	M5	250
185060070409	0.252	6.4	0.492	12.5	0.063	1.6	1/4	M6	250
185080070409	0.331	8.4	0.669	17.5	0.063	1.6	5/16	M8	100
185100070409	0.413	10.5	0.827	21.0	0.079	2.0	3/8	M10	100

184 Series  
PEEK® Hex Nuts

## Specifications:

- Material: UL94 V-0 PEEK®
- Color: Light Brown



Item No.	A		B	C	Pack Qty.
	Thread	Pitch	mm	mm	
184020070409	M2.6	0.45	5.0	2.0	25
184030070409	M3	0.50	5.5	2.4	25
184040070409	M4	0.70	7.0	3.2	25
184050070409	M5	0.80	8.0	4.0	25
184060070409	M6	1.00	10.0	5.0	25
184080070409	M8	1.25	13.0	6.5	25
184100070409	M10	1.50	17.0	8.0	25

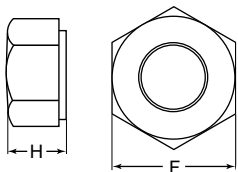


**HN Series  
Standard Hex Nuts**



- Specifications:
- Material: Nylon 6/6
  - Color: Natural

- Features:
- Ideal for outdoor environments
  - Lightweight compared to metal nuts
  - Resistant to corrosion, oil, abrasion and most chemicals



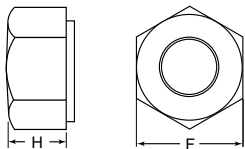
Item No.	Thread	F		H		Pack Qty.
		in	mm	in	mm	
0400256HN	#2-56	0.180	4.572	0.070	1.778	1000
0400440HN	#4-40	0.245	6.223	0.093	2.362	1000
0400632HN	#6-32	0.305	7.747	0.110	2.794	1000
0400832HN	#8-32	0.338	8.585	0.125	3.175	1000
0401024HN	#10-24	0.375	9.525	0.146	3.708	1000
0401032HN	#10-32	0.375	9.525	0.146	3.708	1000
0425020HN	1/4-20	0.425	10.78	0.235	5.97	1000
0425028HN	1/4-28	0.438	11.125	0.207	5.258	1000
0431218HN	5/16-18	0.500	12.700	0.270	6.858	1000
0431224HN	5/16-24	0.500	12.700	0.302	7.671	1000
0437516HN	3/8-16	0.563	14.300	0.330	8.382	1000
0443714HN	7/16-14	0.750	19.050	0.380	9.652	500
0450013HN	1/2-13	0.750	19.050	0.443	11.252	500
0462511HN	5/8-11	1.000	25.400	0.546	13.868	500
0475010HN	3/4-10	1.125	28.575	0.635	16.129	500

**HN Series  
Standard Metric Hex Nuts**



- Specifications:
- Material: Nylon 6/6
  - Color: Natural

- Features:
- Ideal for outdoor environments
  - Lightweight compared to metal nuts
  - Resistant to corrosion, oil, abrasion and most chemicals

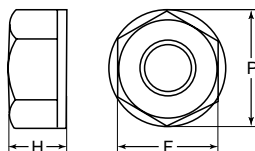


Item No.	Thread	F		H		Pack Qty.
		in	mm	in	mm	
04M020040HN	M2	0.154	3.900	0.047	1.200	1000
04M025045HN	M2.5	0.193	4.900	0.071	1.800	1000
04M030050HN	M3	0.213	5.400	0.087	2.200	1000
04M035060HN	M3.5	0.272	6.900	0.106	2.700	1000
04M040070HN	M4	0.272	6.900	0.118	3.000	1000
04M050080HN	M5	0.311	7.900	0.169	4.300	1000
04M060100HN	M6	0.394	10.000	0.213	5.400	1000
04M080125HN	M8	0.508	12.900	0.252	6.400	1000
04M100150HN	M10	0.583	14.800	0.386	9.800	1000
04M120175HN	M12	0.698	17.740	0.415	10.540	1000

**LN Series  
Locking Hex Nuts**



- Specifications:
- Material: Nylon 6/6
  - Color: Natural



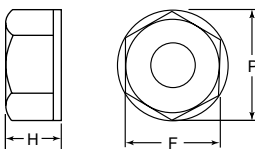
Item No.	Thread	F	P	H	Pack Qty.
		in	in	in	
0701024LN	8-32	0.335	0.380	0.125	1000
070832LN	10-24	0.365	0.420	0.125	1000

**SLN Series  
Self-Threading Lock Nuts**



- Specifications:
- Material: Nylon 6/6
  - Color: Natural

- Features:
- Designed for use with steel bolts
  - Self-threading to ensure a snug fit
  - Ideal for applications seeing vibration or movement
  - Resistant to corrosion, oil, abrasion and most chemicals



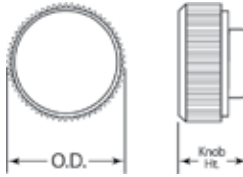
Item No.	For Use With Screw size	F	P	H	Pack Qty.
		In	In	In	
0700256SLN	2-56	0.180	0.205	0.140	1000
0700440SLN	4-40	0.250	0.285	0.200	1000
0700632SLN	6-32	0.305	0.350	0.200	1000
0700832SLN	8-32	0.335	0.385	0.230	1000
0701024SLN	10-24	0.365	0.425	0.250	1000
0701032SLN	10-32	0.365	0.425	0.250	1000
0725020SLN	1/4-20	0.425	0.510	0.275	1000

**THUMB SCREW KNOBS****Round Screw****Specifications:**

- Material: Acetal
- Color: See Table

**Features:**

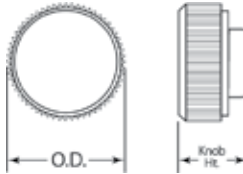
- Can be used as a thumb screw or a knob
- Caps available for use with any length screw



Screw size	OD (in)	Knob Height (in)
#4	0.312	0.172
#6	0.375	0.203
#8	0.250	0.219
#10	0.656	0.250
1/4	1.000	0.328
5/16	1.000	0.391

Item No.	For Screw	Color	Pack Qty.
29R004B	4	Black	100
29R006B	6	Black	100
29R008B	8	Black	100
29R010B	10	Black	100
29R141B	1/4	Black	100
29R516B	5/16	Black	100
29R004BL	4	Blue	100
29R006BL	6	Blue	100
29R008BL	8	Blue	100

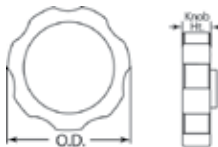
Item No.	For Screw	Color	Pack Qty.
29R010BL	10	Blue	100
29R141BL	1/4	Blue	100
29R516BL	5/16	Blue	100
29R004RD	4	Red	100
29R006RD	6	Red	100
29R008RD	8	Red	100
29R010RD	10	Red	100
29R141RD	1/4	Red	100
29R516RD	5/16	Red	100

**Round Screw Metric**

Screw size	OD (mm)	Knob Height (mm)
M4	12.700	5.560
M5	16.600	6.350
M6	25.400	8.330

Item No.	For Screw	Color	Pack Qty.
29M400RB	M4	Black	100
29M500RB	M5	Black	100
29M600RB	M6	Black	100
29M400RBL	M4	Blue	100
29M500RBL	M5	Blue	100

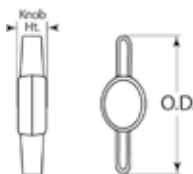
Item No.	For Screw	Color	Pack Qty.
29M600RBL	M6	Blue	100
29M400RRD	M4	Red	100
29M500RRD	M5	Red	100
29M600RRD	M6	Red	100

**Flowerette Screw**

Screw size	OD (in)	Knob Height (in)
1/4	1.500	0.375
5/16	1.500	0.375
3/8	1.500	0.375

Item No.	For Screw	Color	Pack Qty.
29F014B	1/4	Black	100
29F516B	5/16	Black	100
29F038B	3/8	Black	100
29F014BL	1/4	Blue	100
29F516BL	5/16	Blue	100

Item No.	For Screw	Color	Pack Qty.
29F038BL	3/8	Blue	100
29F014RD	1/4	Red	100
29F516RD	5/16	Red	100
29F038RD	3/8	Red	100

**Wing Screw**

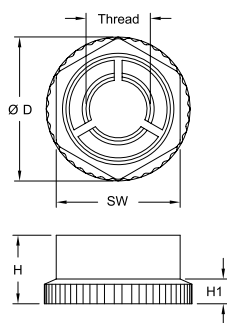
Screw size	OD (in)	Knob Height (in)
#10	1.000	0.250
1/4	1.266	0.344
5/16	1.500	0.406
3/8	1.781	0.484

Item No.	For Screw	Color	Pack Qty.
29W010B	10	Black	100
29W014B	1/4	Black	100
29W516B	5/16	Black	100
29W038B	3/8	Black	100
29W010BL	10	Blue	100
29W014BL	1/4	Blue	100

Item No.	For Screw	Color	Pack Qty.
29W516BL	5/16	Blue	100
29W038BL	3/8	Blue	100
29W010RD	10	Red	100
29W014RD	1/4	Red	100
29W516RD	5/16	Red	100
29W038RD	3/8	Red	100



### KNF Series Metric Quick Nut



#### Specifications:

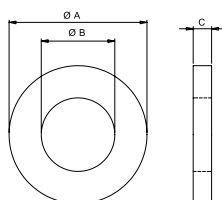
- Material: UL94 V-2 Nylon 6/6
- Color: Black

#### Features:

- To install, push down the length of the threaded fastener to desired location and lock with a 180° turn
- Reduces assembly time
- Corrosion resistant
- Lightweight
- To remove, unscrew with a wrench

Item No.	Thread	SW mm	ØD mm	H mm	H1 mm	Pack Qty.
KNF-40	M4	8	9.4	4.7	1.8	1000

### 173 Series Polycarbonate Flat Washer



#### Specifications:

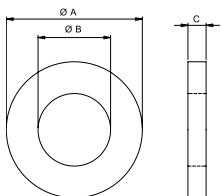
- Material: Polycarbonate
- Color: Clear

#### Features:

- High transparency

Item No.	Ø B		Ø A		C		Fits Screw		Pack Qty.
	in	mm	in	mm	in	mm	Standard	Metric	
173000200022	0.083	2.1	0.157	4.0	0.020	0.5	#2	M2	100
173002600022	0.106	2.7	0.236	6.0	0.020	0.5	#3	M2.5	100
173000300022	0.160	3.3	0.315	8.0	0.031	0.8	#5	M3	100
173000400022	0.177	4.5	0.394	10.0	0.031	0.8	#8	M4	100
173000500022	0.217	5.5	0.472	12.0	0.039	1.0	#12	M5	100
173000600022	0.256	6.5	0.512	13.0	0.063	1.6	1/4	M6	100
173000800022	0.335	8.5	0.709	18.0	0.063	1.6	1/4	M8	100

### PVC Flat Washer



#### Specifications:

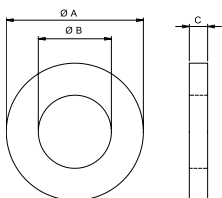
- Material: PVC
- Color: Black

#### Features:

- No water absorption

Item No.	Ø B		Ø A		C		Fits Screw		Pack Qty.
	in	mm	in	mm	in	mm	Standard	Metric	
032030011407	0.126	3.2	0.354	9.0	0.059	1.5	#5	M3	1000
032040011407	0.169	4.3	0.472	12.0	0.055	1.4	#8	M4	1000
032050011407	0.209	5.3	0.591	15.0	0.059	1.5	#10	M5	500
032060011407	0.252	6.4	0.709	18.2	0.079	2.0	1/4	M6	500
032080011407	0.331	8.4	0.984	25.0	0.098	2.5	5/16	M8	500
032100011407	0.413	10.5	1.181	30.0	0.118	3.0	3/8	M10	250
032120011407	0.512	13.0	1.575	40.0	0.118	3.0	1/2	M13	100
033030011407	0.126	3.2	0.591	15.0	0.059	1.5	#5	M3	500
033040011407	0.169	4.3	0.709	18.0	0.079	2.0	#8	M4	500
033050011407	0.209	5.3	0.984	25.0	0.098	2.5	#10	M5	500
033060011407	0.252	6.4	1.181	30.0	0.118	3.0	1/4	M6	100
033080011407	0.331	8.4	1.575	40.0	0.118	3.0	5/16	M8	100

### 585 Series Polypropylene Flat Washer



#### Specifications:

- Material: Polypropylene
- Color: Natural

#### Features:

- Chemical Resistance

Item No.	Ø B ID		Ø A OD		C		Fits Screw		Pack Qty.
	in	mm	in	mm	in	mm	Standard	Metric	
585010000011	0.169	4.3	0.354	9.0	0.031	0.8	#8	M4	100
585020000011	0.209	5.3	0.394	10.0	0.039	1.0	#10	M5	100
585030000011	0.252	6.4	0.472	12.0	0.063	1.6	1/4	M6	100
585040000011	0.331	8.4	0.630	16.0	0.063	1.6	5/16	M8	100
585060000011	0.413	10.5	0.787	20.0	0.079	2.0	3/8	M10	100
585050000011	0.512	13.0	0.945	24.0	0.098	2.5	1/2	M12	100





## PLASTIC FLAT WASHERS

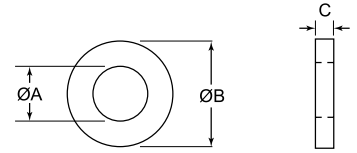
FW Series  
Flat Washers

## Specifications:

- Material: Nylon
- Color: See Table

## Features:

- Resistant to corrosion and many chemicals



Item No.		ØA	ØB	C	Fits	Pack Qty.
Natural	Black	mm	mm	mm		
17W01011	17W01011B	0.032	0.125	0.060	—	1000
16FW002032	16FW002032B	0.090	0.250	0.032	#2	1000
16FW002062	16FW002062B	0.090	0.250	0.062	#2	1000
16FW002093	16FW002093B	0.090	0.250	0.093	#2	1000
16FW002125	16FW002125B	0.090	0.250	0.125	#2	1000
17W01815	17W01815B	0.094	0.188	0.020	—	1000
17W02190	17W02190B	0.104	0.220	0.031	—	1000
16FW004032	16FW004032B	0.115	0.250	0.032	#4	1000
16FW004062	16FW004062B	0.115	0.250	0.062	#4	1000
16FW004093	16FW004093B	0.115	0.250	0.093	#4	1000
16FW004125	16FW004125B	0.115	0.250	0.125	#4	1000
17W02181	17W02181B	0.120	0.218	0.037	—	1000
17W02811	17W02811B	0.120	0.288	0.040	—	1000
17W02350	17W02350B	0.125	0.235	0.040	—	1000
17W03758	17W03758B	0.125	0.375	0.040	—	1000
17W03123	17W03123B	0.130	0.318	0.062	—	1000
17W03505	17W03505B	0.130	0.355	0.062	—	1000
16FW006032	16FW006032B	0.140	0.312	0.032	#6	1000
16FW006062	16FW006062B	0.140	0.312	0.062	#6	1000
16FW006093	16FW006093B	0.140	0.312	0.093	#6	1000
16FW006125	16FW006125B	0.140	0.312	0.125	#6	1000
17W02504	17W02504B	0.141	0.250	0.062	—	1000
17W03757	17W03757B	0.141	0.375	0.031	—	1000
17W03128	17W03128B	0.156	0.320	0.031	—	1000
16FW008032	16FW008032B	0.171	0.375	0.032	#8	1000
16FW008062	16FW008062B	0.171	0.375	0.062	#8	1000
16FW008093	16FW008093B	0.171	0.375	0.093	#8	1000
16FW008125	16FW008125B	0.171	0.375	0.125	#8	1000
17W03121	17W03121B	0.187	0.312	0.050	—	1000
17W05008	17W05008B	0.188	0.505	0.032	—	1000
17W03764	17W03764B	0.189	0.375	0.031	—	1000
16FW010032	16FW010032B	0.194	0.375	0.032	#10	1000
16FW010062	16FW010062B	0.194	0.375	0.062	#10	1000
16FW010093	16FW010093B	0.194	0.375	0.093	#10	1000
16FW010125	16FW010125B	0.194	0.375	0.125	#10	1000
17W06252	17W06252B	0.194	0.625	0.125	—	1000
17W04376	17W04376B	0.195	0.437	0.020	—	1000
17W04373	17W04373B	0.195	0.437	0.031	—	1000
17W04371	17W04371B	0.200	0.437	0.062	—	1000
17W05016	17W05016B	0.219	0.500	0.156	—	1000
17W03768	17W03768B	0.250	0.375	0.150	—	1000
17W06255	17W06255B	0.250	0.625	0.062	—	1000
17W06221	17W06221B	0.252	0.622	0.060	—	1000
16FW250032	16FW250032B	0.257	0.500	0.032	1/4	1000
16FW250062	16FW250062B	0.257	0.500	0.062	1/4	1000

Item No.		ØA	ØB	C	Fits	Pack Qty.
Natural	Black	mm	mm	mm		
16FW250093	16FW250093B	0.257	0.500	0.093	1/4	1000
16FW250125	16FW250125B	0.257	0.500	0.125	1/4	1000
17W06262	17W06262B	0.257	0.625	0.020	—	1000
17W07530	17W07530B	0.257	0.750	0.062	—	1000
17W08762	17W08762B	0.257	0.875	0.062	—	1000
17W05622	17W05622B	0.260	0.562	0.062	—	1000
17W06866	17W06866B	0.260	0.687	0.125	—	1000
17W05003	17W05003B	0.281	0.490	0.030	—	1000
17W07192	17W07192B	0.281	0.719	0.062	—	1000
17W06264	17W06264B	0.315	0.625	0.031	—	1000
17W08801	17W08801B	0.315	0.872	0.062	—	1000
16FW312032	16FW312032B	0.317	0.500	0.032	5/16	1000
16FW312062	16FW312062B	0.317	0.500	0.062	5/16	1000
16FW312093	16FW312093B	0.317	0.500	0.093	5/16	1000
16FW312125	16FW312125B	0.317	0.500	0.125	5/16	1000
17W07513	17W07513B	0.317	0.750	0.062	—	1000
17W06266	17W06266B	0.321	0.625	0.125	—	1000
17W07503	17W07503B	0.323	0.750	0.125	—	1000
17W07401	17W07401B	0.340	0.740	0.062	—	1000
17W08754	17W08754B	0.343	0.885	0.062	—	1000
17W04721	17W04721B	0.375	0.505	0.050	—	1000
16FW375032	16FW375032B	0.375	0.625	0.032	3/8	1000
17W07402	17W07402B	0.375	0.750	0.062	—	1000
17W08759	17W08759B	0.377	0.875	0.062	—	1000
17W06881	17W06881B	0.390	0.688	0.031	—	1000
16FW375062	16FW375062B	0.380	0.625	0.062	3/8	1000
16FW375093	16FW375093B	0.380	0.625	0.093	3/8	1000
16FW375125	16FW375125B	0.380	0.625	0.125	3/8	1000
17W07506	17W07506B	0.390	0.750	0.062	—	1000
17W07517	17W07517B	0.406	0.750	0.032	—	1000
17W07525	17W07525B	0.406	0.750	0.200	—	1000
17W10002	17W10002B	0.406	1.000	0.062	—	500
16FW437032	16FW437032B	0.443	0.750	0.032	7/16	1000
16FW437062	16FW437062B	0.443	0.750	0.062	7/16	1000
16FW437093	16FW437093B	0.443	0.750	0.093	7/16	1000
16FW437125	16FW437125B	0.443	0.750	0.125	7/16	1000
17W15002	17W15002B	0.500	1.500	0.125	—	500
16FW500032	16FW500032B	0.505	0.750	0.032	1/2	1000
16FW500062	16FW500062B	0.505	0.750	0.062	1/2	1000
16FW500093	16FW500093B	0.505	0.750	0.093	1/2	1000
16FW500125	16FW500125B	0.505	0.750	0.125	1/2	1000
17W12504	17W12504B	0.516	1.250	0.062	—	500
17W07120	17W07120B	0.522	0.712	0.062	—	1000
17W11251	17W11251B	0.540	1.120	0.125	—	500
17W12503	17W12503B	0.765	1.250	0.080	—	500

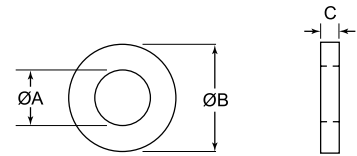
MFW Series  
DIN125 Flat Washers

## Specifications:

- Material: Nylon
- Color: See Table

## Features:

- Resistant to corrosion and many chemicals
- DIN125

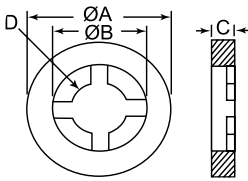


Item No.		ØA	ØB	C	Fits Screw	Pack Qty.	
Natural	Black	mm	mm	mm		Natural	Black
MFW010A	—	2.20	5.00	0.30	M2	1000	—
MFW020A	—	2.70	6.00	0.50	M2.5	1000	—
MFW030A	MFW030B	3.20	7.00	0.50	M3	1000	1000
MFW040A	—	3.70	8.00	0.50	M3.5	1000	—
MFW050A	MFW050B	4.30	9.00	0.80	M4	1000	1000
17M05DIN34815	MFW060B	5.30	10.00	1.00	M5	1000	1000
MFW070A	MFW070B	6.40	12.00	1.60	M6	1000	100
MFW080A	MFW080B	8.40	16.00	1.60	M8	1000	100
MFW090A	MFW090B	10.50	20.00	2.00	M10	1000	100
MFW100A	MFW100B	13.00	24.00	2.50	M12	500	100

Item No.		ØA	ØB	C	Fits Screw	Pack Qty.
Natural	Black	mm	mm	mm		
MFW110A	—	15.00	30.00	3.00	M14	1000
MFW120A	—	17.00	30.00	3.00	M16	250
MFW130A	—	19.00	34.00	3.00	M18	250
MFW140A	—	21.00	37.00	3.00	M20	250
MFW150A	—	25.00	44.00	4.00	M22	250
MFW160A	—	28.00	50.00	4.00	M24	250
MFW170A	—	31.00	56.00	4.00	M27	250
MFW180A	—	37.00	66.00	5.00	M30	250
MFW190A	—	40.00	72.00	6.00	M36	250



**WRT Series  
Retaining Washers**



**Specifications:**

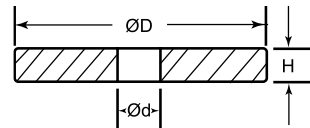
- Material: Nylon 6/6
- Color: Natural

**Features:**

- I.D. designed to grip outside of screw shank
- Easily slides on to the screw but is retained by the screw once assembled
- Used in applications requiring pre-assembly of the screw and washer
- Reduces assembly time and cost

Item No.	Screw Size	Ø A		Ø B		C		D		Pack Qty.
		in	mm	in	mm	in	mm	in	mm	
16FWRT002032	#2	0.203	5.16	0.115	2.92	0.032	0.81	0.078	1.98	1000
16FWRT002062	#2	0.203	5.16	0.115	2.92	0.062	1.57	0.078	1.98	1000
16FWRT004032	#4	0.265	6.73	0.156	3.96	0.032	0.81	0.102	2.59	1000
16FWRT004050	#4	0.250	6.35	0.156	3.96	0.050	1.27	0.102	2.59	1000
16FWRT004062	#4	0.265	6.73	0.156	3.96	0.062	1.57	0.102	2.59	1000
16FWRT004125	#4	0.265	6.73	0.156	3.96	0.125	3.18	0.102	2.59	1000
16FWRT006032	#6	0.328	8.33	0.198	5.03	0.032	0.81	0.128	3.25	1000
16FWRT006032	#6	0.328	8.33	0.198	5.03	0.062	1.57	0.128	3.25	1000
16FWRT007062	#7	0.750	19.05	0.375	9.53	0.062	1.57	0.215	5.46	1000
16FWRT008032	#8	0.390	9.91	0.235	5.97	0.032	0.81	0.152	3.86	1000
16FWRT008045	#8	0.453	11.51	0.218	5.54	0.045	1.14	0.135	3.43	1000
16FWRT008062	#8	0.390	9.91	0.235	5.97	0.062	1.57	0.152	3.86	1000
16FWRT010032	#10	0.453	11.51	0.277	7.04	0.032	0.81	0.177	4.50	1000
16FWRT010062	#10	0.453	11.51	0.277	7.04	0.062	1.57	0.177	4.50	1000
16FWRT250032	1/4	0.593	15.06	0.375	9.53	0.032	0.81	0.234	5.94	1000
16FWRT250062	1/4	0.593	15.06	0.375	9.53	0.062	1.57	0.234	5.94	1000
16FWRT312032	5/16	0.734	18.64	0.470	11.94	0.032	0.81	0.292	7.42	1000
16FWRT312062	5/16	0.734	18.64	0.470	11.94	0.062	1.57	0.292	7.42	1000
16FWRT375032	3/8	0.890	22.61	0.564	14.33	0.032	0.81	0.350	8.89	1000
16FWRT375062	3/8	0.890	22.61	0.564	14.33	0.062	1.57	0.350	8.89	1000
16FWRT437032	7/16	1.031	26.19	0.570	14.48	0.032	0.81	0.410	10.41	500
16FWRT437062	7/16	1.031	26.19	0.570	14.48	0.062	1.57	0.410	10.41	500
16FWRT500032	1/2	1.125	28.58	0.690	17.53	0.032	0.81	0.468	11.89	500
16FWRT500062	1/2	1.125	28.58	0.690	17.53	0.062	1.57	0.468	11.89	500
16FWRT875062	7/8	1.343	34.11	0.940	23.88	0.062	1.57	0.825	20.96	500

**RWM Series  
Metric Retaining Washers**



**Specifications:**

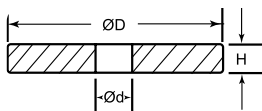
- Material: Nylon
- Color: Natural

**Features:**

- Designed to grip outside of screw shank
- Easily slides on to the screw but is retained by the screw once assembled
- Ideal for applications requiring pre-assembly of the screw and washer
- Reduces assembly time and cost
- Ideal for outdoor environments
- Resistant to corrosion, oil, abrasion and most chemicals

Item No.	Screw Size	Ø D		Ø d		H		Pack Qty.
		mm	mm	mm	mm	mm	mm	
RWM050A	M2	5.0	2.7	1.5	1.5	1000		
RWM100A	M3	9.0	3.2	1.5	1.5	1000		
RWM150A	M3	5.5	3.2	2.2	2.2	1000		
RWM200A	M4	7.0	4.3	2.3	2.3	1000		
RWM250A	M4	12.0	4.3	1.4	1.4	1000		
RWM300A	M5	11.5	5.3	1.4	1.4	1000		
RWM350A	M5	8.5	5.3	2.8	2.8	1000		
RWM400A	M6	18.0	6.4	2.0	2.0	1000		
RWM450A	M6	10.0	6.4	2.8	2.8	500		
RWM500A	M8	13.0	8.4	2.8	2.8	500		
RWM550A	M10	21.0	10.5	2.5	2.5	500		

**015 Series  
Retaining Polyethylene Flat Washer**



**Specifications:**

- Material: Polyethylene
- Color: See Table

**Features:**

- Designed to grip outside of screw shank
- Easily slides on to the screw but is retained by the screw once assembled
- Ideal when pre-assembly of the screw and washer is required
- Reduces assembly time and cost

Item No			Screw Size		Ø D		Ø d		H		Pack Qty.
Red	Grey	Blue	Imperial	Metric	in	mm	in	mm	in	mm	
015002500503	015102500203	015202508703	#3	M2.5	0.256	6.5	0.106	2.7	0.043	1.1	1000
015003000503	015103000203	015203008703	#5	M3	0.276	7.0	0.126	3.2	0.055	1.4	1000
015004000503	015104000203	015204008703	#8	M4	0.354	9.0	0.169	4.3	0.043	1.1	1000
015005000503	015105000203	015205008703	#10	M5	0.433	11.0	0.209	5.3	0.051	1.3	1000
015006000503	015106000203	015206008703	1/4	M6	0.472	12.0	0.252	6.4	0.063	1.6	500
015008000503	015108000203	015208008703	5/16	M7	0.669	17.0	0.331	8.4	0.079	2.0	500
015102500203	—	015210008703	3/8	M10	0.709	18.0	0.413	10.5	0.059	1.5	500
015210008703	—	—	3/8	M10	0.709	18.0	0.413	10.5	0.059	1.5	500



# SHOULDER WASHERS

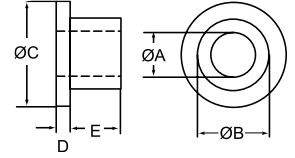
## SW Series Shoulder Washers

### Specifications:

- Material: Nylon 6/6
- Color: Natural

### Features:

- Used for insulation and mechanical applications
- Reduces vibration
- Strong and corrosion resistant



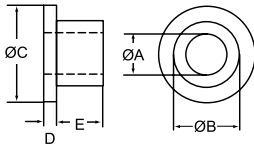
Item No.	Fits Screw	ØA in	ØB in	ØC in	D in	E in	Pack Qty.
12SWS0195	#2	0.093	0.120	0.195	0.031	0.062	1000
12SWS0203	#2	0.093	0.125	0.208	0.031	0.109	1000
12SWS0204	#2	0.093	0.125	0.205	0.031	0.187	1000
12SWS0414	#2	0.093	0.158	0.281	0.093	0.125	1000
12SWS0301	#2	0.098	0.140	0.250	0.030	0.065	1000
12SWS0213	#2	0.109	0.138	0.200	0.032	0.046	1000
12SWS0207	#2	0.110	0.135	0.242	0.046	0.156	1000
12SWS0432	#4	0.113	0.143	0.250	0.046	0.046	1000
12SWS0402	#4	0.114	0.138	0.240	0.062	0.046	1000
12SWS0475	#4	0.114	0.150	0.312	0.045	0.100	1000
12SWS0197	#4	0.115	0.135	0.216	0.046	0.031	1000
12SWS0211	#4	0.115	0.135	0.218	0.046	0.031	1000
12SWS0214	#4	0.115	0.137	0.240	0.046	0.031	1000
12SWS0436	#4	0.115	0.139	0.240	0.046	0.031	1000
12SWS0198	#4	0.115	0.140	0.200	0.031	0.031	1000
12SWS0218	#4	0.115	0.140	0.242	0.046	0.125	1000
12SWS0233	#4	0.115	0.140	0.203	0.046	0.031	1000
12SWS0428	#4	0.115	0.140	0.242	0.046	0.109	1000
12SWS0400	#4	0.115	0.141	0.235	0.046	0.093	1000
12SWS0411	#4	0.115	0.143	0.250	0.031	0.062	1000
12SWS0221	#4	0.115	0.145	0.235	0.046	0.093	1000
12SWS0401	#4	0.115	0.145	0.235	0.046	0.250	1000
12SWS0433	#4	0.115	0.145	0.250	0.046	0.109	1000
12SWS0404	#4	0.115	0.149	0.312	0.062	0.093	1000
12SWS0200	#4	0.116	0.135	0.200	0.078	0.031	1000
12SWS0234	#4	0.116	0.139	0.239	0.020	0.050	1000
12SWS0235	#4	0.116	0.143	0.210	0.042	0.033	1000
12SWS0305	#4	0.118	0.135	0.250	0.050	0.120	1000
12SWS0229	#4	0.118	0.139	0.250	0.046	0.125	1000
12SWS0226	#4	0.118	0.143	0.250	0.031	0.062	1000
12SWS0249	#4	0.118	0.157	0.244	0.040	0.177	1000
12SWS0232	#4	0.120	0.136	0.253	0.046	0.078	1000
12SWS0439	#4	0.120	0.138	0.250	0.046	0.062	1000
12SWS0300	#4	0.120	0.150	0.250	0.050	0.090	1000
12SWS0206	#4	0.120	0.154	0.224	0.031	0.062	1000
12SWS0457	#4	0.120	0.187	0.250	0.031	0.031	1000
12SWS0210	#4	0.122	0.142	0.230	0.015	0.046	1000
12SWS0310	#4	0.125	0.156	0.250	0.047	0.250	1000
12SWS0311	#4	0.125	0.158	0.260	0.032	0.437	1000
12SWS0635	#4	0.125	0.190	0.375	0.040	0.070	1000
12SWS0248	#4	0.125	0.205	0.290	0.060	0.090	1000
12SWS0875	#4	0.125	0.253	0.375	0.050	0.300	1000
12SWS2572	#4	0.125	0.375	0.750	0.062	0.500	1000
12SWS0448	#4	0.128	0.187	0.312	0.046	0.093	1000
12SWS0855	#6	0.138	0.240	0.375	0.062	0.109	1000
12SWS0290	#6	0.140	0.170	0.290	0.046	0.031	1000
12SWS0434	#6	0.140	0.170	0.312	0.046	0.062	1000
12SWS0601	#6	0.140	0.170	0.290	0.046	0.250	1000
12SWS0223	#6	0.140	0.187	0.250	0.062	0.031	1000
12SWS0817	#6	0.140	0.218	0.375	0.062	0.046	1000
12SWS0880	#6	0.140	0.275	0.400	0.125	0.125	1000
12SWS0886	#6	0.140	0.312	0.500	0.062	0.138	1000
12SWS0438	#6	0.141	0.187	0.312	0.062	0.031	1000
12SWS0867	#6	0.141	0.214	0.375	0.040	0.046	1000
12SWS0230	#6	0.142	0.205	0.265	0.031	0.156	1000
12SWS0468	#6	0.142	0.210	0.312	0.060	0.250	1000
12SWS0465	#6	0.144	0.189	0.312	0.030	0.060	1000
12SWS0848	#6	0.145	0.240	0.385	0.062	0.031	1000
12SWS0825	#6	0.145	0.245	0.375	0.030	0.060	1000
12SWS1015	#6	0.145	0.275	0.500	0.093	0.046	1000
12SWS0479	#6	0.147	0.172	0.312	0.062	0.187	1000
12SWS0240	#6	0.150	0.190	0.230	0.025	0.100	1000
12SWS2564	#6	0.150	0.250	0.750	0.062	0.250	1000
12SWS0835	#6	0.155	0.245	0.377	0.050	0.050	1000
12SWS0430	#6	0.156	0.250	0.315	0.062	0.187	1000
12SWS1016	#6	0.167	0.250	0.500	0.125	0.437	1000
12SWS0802	#8	0.171	0.195	0.375	0.031	0.062	1000
12SWS0629	#8	0.171	0.209	0.345	0.062	0.047	1000
12SWS0803	#8	0.171	0.250	0.510	0.062	0.406	1000
12SWS0810	#8	0.171	0.250	0.375	0.062	0.031	1000
12SWS0827	#8	0.171	0.250	0.375	0.040	0.046	1000
12SWS0831	#8	0.171	0.250	0.375	0.040	0.250	1000
12SWS0877	#8	0.171	0.281	0.390	0.055	0.312	1000
12SWS2573	#8	0.172	0.375	0.750	0.093	0.125	1000
12SWS0628	#8	0.173	0.205	0.345	0.062	0.375	1000
12SWS0836	#8	0.174	0.250	0.375	0.063	0.030	1000
12SWS0636	#8	0.175	0.235	0.344	0.063	0.120	1000
12SWS0622	#8	0.176	0.201	0.372	0.062	0.387	1000
12SWS0859	#8	0.187	0.245	0.375	0.031	0.140	1000
12SWS1169	#8	0.188	0.312	0.562	0.062	0.250	1000
12SWS0819	#8	0.188	0.313	0.437	0.062	0.062	1000
12SWS1168	#8	0.188	0.375	0.562	0.062	0.438	1000
12SWS1028	#8	0.189	0.250	0.500	0.062	0.249	1000
12SWS2543	#8	0.189	0.490	0.750	0.095	0.779	1000
12SWS1050	#8	0.190	0.250	0.490	0.062	0.156	1000

Item No.	Fits Screw	ØA in	ØB in	ØC in	D in	E in	Pack Qty.
12SWS2499	#8	0.191	0.312	0.513	0.062	0.375	1000
12SWS0811	#8	0.192	0.245	0.375	0.046	0.046	1000
12SWS0219	#8	0.193	0.250	0.290	0.015	0.125	1000
12SWS0832	#8	0.193	0.257	0.375	0.035	0.043	1000
12SWS0901	#10	0.194	0.375	0.437	0.040	0.093	1000
12SWS0425	#10	0.196	0.250	0.312	0.062	0.031	1000
12SWS0828	#10	0.196	0.254	0.380	0.065	0.125	1000
12SWS0862	#10	0.196	0.287	0.390	0.078	0.187	1000
12SWS1029	#10	0.196	0.300	0.500	0.120	0.158	1000
12SWS0912	#10	0.196	0.303	0.432	0.031	0.140	1000
12SWS0821	#10	0.196	0.308	0.381	0.062	0.031	1000
12SWS0887	#10	0.197	0.240	0.408	0.062	0.187	1000
12SWS0847	#10	0.197	0.250	0.375	0.062	0.213	1000
12SWS1234	#10	0.197	0.252	0.394	0.063	0.315	1000
12SWS1074	#10	0.197	0.315	0.394	0.079	0.197	1000
12SWS1001	#10	0.200	0.260	0.399	0.062	0.375	1000
12SWS0871	#10	0.200	0.260	0.390	0.062	0.130	1000
12SWS1030	#10	0.200	0.281	0.490	0.062	0.093	1000
12SWS0872	#10	0.200	0.281	0.422	0.050	0.160	1000
12SWS1033	#10	0.200	0.312	0.500	0.062	0.312	1000
12SWS0935	#10	0.200	0.312	0.495	0.065	0.187	1000
12SWS1007	#10	0.201	0.281	0.437	0.046	0.046	1000
12SWS0908	#10	0.203	0.267	0.438	0.031	0.093	1000
12SWS1002	#10	0.203	0.267	0.438	0.062	0.093	1000
12SWS3680	#10	0.203	0.298	1.000	0.062	0.062	1000
12SWS0863	#10	0.203	0.313	0.390	0.078	0.078	1000
12SWS1008	#10	0.205	0.312	0.620	0.046	0.046	1000
12SWS0616	#10	0.218	0.250	0.320	0.039	0.126	1000
12SWS0896	#12	0.220	0.240	0.408	0.062	0.187	1000
12SWS0873	#12	0.221	0.256	0.394	0.039	0.126	1000
12SWS0904	#12	0.225	0.282	0.437	0.062	0.375	1000
12SWS2534	#12	0.234	0.282	0.745	0.031	0.187	1000
12SWS1101	#12	0.234	0.282	0.500	0.031	0.093	1000
12SWS0804	#12	0.236	0.315	0.355	0.020	0.177	1000
12SWS0905	1/4	0.250	0.310	0.425	0.062	0.062	1000
12SWS2507	1/4	0.250	0.370	0.600	0.125	0.125	1000
12SWS1048	1/4	0.250	0.375	0.500	0.062	0.437	1000
12SWS3165	1/4	0.250	0.620	0.875	0.125	0.375	1000
12SWS2505	1/4	0.252	0.312	0.500	0.062	0.031	1000
12SWS1072	1/4	0.252	0.346	0.615	0.062	0.065	1000
12SWS0868	1/4	0.253	0.312	0.375	0.062	0.031	1000
12SWS1240	1/4	0.254	0.375	0.630	0.062	0.187	1000
12SWS2502	1/4	0.255	0.312	0.467	0.046	0.125	1000
12SWS1018	1/4	0.255	0.322	0.625	0.062	0.187	1000
12SWS1025	1/4	0.255	0.375	0.562	0.062	0.437	1000
12SWS1159	1/4	0.255	0.375	0.550	0.062	0.562	1000
12SWS1040	1/4	0.257	0.343	0.505	0.062	0.093	1000
12SWS1053	1/4	0.257	0.375	0.500	0.125	0.170	1000
12SWS1151	1/4	0.260	0.300	0.562	0.046	0.104	1000
12SWS1098	1/4	0.260	0.312	0.515	0.062	0.140	1000
12SWS0956	1/4	0.260	0.312	0.500	0.032	0.187	1000
12SWS1075	1/4	0.260	0.370	0.513	0.062	0.250	1000
12SWS1017	1/4	0.260	0.375	0.562	0.093	0.062	1000
12SWS3504	1/4	0.260	0.375	0.625	0.125	0.812	1000
12SWS2570	1/4	0.260	0.38				



# INSULATING WASHERS AND FLANGED BUSHINGS

## SC Series Shoulder Washers



**Specifications:**

- Material: Nylon 6/6
- Color: Natural

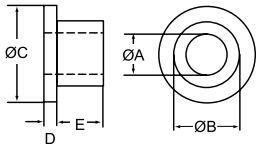
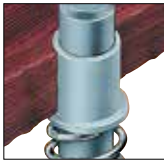
**Features:**

- Use for connections between incompatible metals
- Provides electrical insulation

Item No.	Fits Screw	Ø A in	Ø B in	Ø C in	D in	E in	Pack Qty.
10SC002012	#2	0.09	0.12	0.181	0.046	0.125	1000
10SC002025	#2	0.09	0.12	0.181	0.046	0.250	1000
10SC004003	#4	0.115	0.145	0.235	0.046	0.031	1000
10SC004004	#4	0.115	0.145	0.235	0.046	0.046	1000
10SC004006	#4	0.115	0.145	0.235	0.046	0.062	1000
10SC004009	#4	0.115	0.145	0.235	0.046	0.093	1000
10SC004012	#4	0.115	0.145	0.235	0.046	0.125	1000
10SC004015	#4	0.115	0.145	0.235	0.046	0.156	1000
10SC004018	#4	0.115	0.145	0.235	0.046	0.187	1000
10SC004025	#4	0.115	0.145	0.235	0.046	0.250	1000
10SC004037	#4	0.115	0.145	0.235	0.046	0.375	1000
10SC004050	#4	0.115	0.145	0.235	0.046	0.500	1000
10SC006004	#6	0.14	0.17	0.29	0.046	0.046	1000
10SC006006	#6	0.14	0.17	0.29	0.046	0.062	1000
10SC006009	#6	0.14	0.17	0.29	0.046	0.093	1000
10SC006012	#6	0.14	0.17	0.29	0.046	0.125	1000
10SC006015	#6	0.14	0.17	0.29	0.046	0.156	1000
10SC006018	#6	0.14	0.17	0.29	0.046	0.187	1000
10SC006025	#6	0.14	0.17	0.29	0.046	0.250	1000
10SC006050	#6	0.14	0.17	0.29	0.046	0.500	1000
10SC006037	#6	0.14	0.17	0.29	0.046	0.375	1000
10SC008012	#8	0.173	0.205	0.344	0.062	0.125	1000
10SC008014	#8	0.173	0.205	0.344	0.062	0.140	1000
10SC008025	#8	0.173	0.205	0.344	0.062	0.250	1000

Item No.	Fits Screw	Ø A in	Ø B in	Ø C in	D in	E in	Pack Qty.
10SC008037	#8	0.173	0.205	0.344	0.062	0.375	1000
10SC008050	#8	0.173	0.205	0.344	0.062	0.500	1000
10SC008062	#8	0.173	0.205	0.344	0.062	0.625	1000
10SC008075	#8	0.173	0.205	0.344	0.062	0.750	1000
10SC10014	#10	0.200	0.260	0.399	0.062	0.140	1000
10SC10018	#10	0.200	0.260	0.399	0.062	0.187	1000
10SC10025	#10	0.200	0.260	0.399	0.062	0.250	1000
10SC10037	#10	0.200	0.260	0.399	0.062	0.375	1000
10SC10050	#10	0.200	0.263	0.399	0.062	0.500	1000
10SC10075	#10	0.200	0.260	0.399	0.062	0.750	1000
10SC10062	#10	0.200	0.260	0.399	0.062	0.625	1000
10SC250032	1/4	0.260	0.312	0.513	0.031	0.250	1000
10SC250012	1/4	0.260	0.312	0.513	0.062	0.125	1000
10SC250014	1/4	0.260	0.312	0.513	0.062	0.140	1000
10SC250018	1/4	0.260	0.312	0.513	0.062	0.187	1000
10SC250025	1/4	0.260	0.312	0.513	0.062	0.250	1000
10SC250037	1/4	0.260	0.312	0.513	0.062	0.375	1000
10SC250050	1/4	0.260	0.312	0.513	0.062	0.500	1000
10SC250075	1/4	0.260	0.312	0.513	0.062	0.750	1000
10SC250062	1/4	0.260	0.312	0.513	0.062	0.625	1000
10SC312012	5/16	0.320	0.360	0.620	0.062	0.125	1000
10SC312037	5/16	0.320	0.360	0.620	0.062	0.375	1000
10SC312062	5/16	0.320	0.360	0.620	0.062	0.625	1000
10SC312050	5/16	0.320	0.360	0.620	0.062	0.500	1000

## FB and FBM Series Flanged Bushings



**Specifications:**

- Material: Nylon
- Color: Natural

**Features:**

- Suitable for light-load bearings or bushing
- Will not rust, corrode or deteriorate
- Acts as an electrical insulator by preventing metal-to-metal contact
- Low-friction coefficient
- Can be used as a locator, sleeve, liner or glide

### Imperial

Item No.	Ø A		Ø B		Ø C		D		E		Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
FB1080A	0.190	4.80	0.343	8.70	0.875	22.20	0.140	3.60	0.141	3.60	2500
FB1090A	0.190	4.80	0.375	9.50	0.500	12.70	0.113	2.90	0.325	8.30	4000
FB1120A	0.196	5.00	0.300	7.60	0.500	12.70	0.125	3.20	0.375	9.50	2000
FB1150A	0.196	5.00	0.344	8.70	0.500	12.70	0.187	4.70	0.407	10.30	4000
FB1170A	0.219	5.60	0.315	8.00	0.562	14.30	0.082	2.10	0.137	3.50	18000
FB1200A	0.253	6.40	0.440	11.20	0.937	23.80	0.125	3.20	0.165	4.20	1000
FB1250A	0.255	6.50	0.372	9.40	0.550	14.00	0.062	1.60	0.522	13.30	1000
FB1260A	0.255	6.50	0.375	9.50	0.635	16.10	0.062	1.60	0.213	5.40	5000
FB1270A	0.255	6.50	0.490	12.40	0.750	19.10	0.090	2.30	0.110	2.80	4500
FB1280A	0.258	6.60	0.317	8.10	0.562	14.30	0.062	1.60	0.313	8.00	6000
FB1370A	0.315	8.00	0.365	9.30	0.562	14.30	0.062	1.60	0.281	7.10	5000
FB1430A	0.375	9.50	0.469	11.90	0.687	17.40	0.078	2.00	0.094	2.40	4000
FB1440A	0.375	9.50	0.500	12.70	0.625	15.90	0.062	1.60	0.253	6.40	9000
FB1460A	0.375	9.50	0.500	12.70	0.745	18.90	0.062	1.60	0.750	19.10	5000
FB1480A	0.375	9.50	0.505	12.80	0.750	19.10	0.200	5.10	0.500	12.70	2000
FB1510A	0.383	9.70	0.500	12.70	0.750	19.10	0.125	3.20	0.360	9.10	3000
FB1530A	0.380	9.70	0.625	15.90	1.125	28.60	0.125	3.20	0.250	6.40	4000
FB1550A	0.385	9.80	0.625	15.90	0.750	19.10	0.094	2.40	0.500	12.70	6000
FB1600A	0.510	13.00	0.625	15.90	0.875	22.20	0.125	3.20	0.375	9.50	6000
FB1620A	0.750	19.10	0.875	22.20	1.125	28.60	0.062	1.60	0.313	8.00	4250
FB1640A	0.760	19.30	1.000	25.40	1.375	34.90	0.125	3.20	0.312	7.90	2500
FB1650A	0.765	19.40	0.875	22.20	1.125	28.60	0.125	3.20	0.750	19.10	2000
FB1660A	1.000	25.40	1.250	31.80	1.328	33.70	0.125	3.18	0.625	15.88	1300

### Metric

Item No.	A		B		C		D		E		Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	
FBM1000A	0.197	5.00	0.315	8.00	0.433	11.00	0.079	2.00	0.315	8.00	1000
FBM1010A	0.236	6.00	0.354	9.00	0.472	12.00	0.079	2.00	0.157	4.00	1000
FBM1020A	0.236	6.00	0.394	10.00	0.591	15.00	0.059	1.50	0.276	7.00	1000
FBM1030A	0.315	8.00	0.433	11.00	0.630	16.00	0.079	2.00	0.433	11.00	1000
FBM1040A	0.315	8.00	0.472	12.00	0.630	16.00	0.079	2.00	0.157	4.00	1000
FBM1050A	0.315	8.00	0.551	14.00	0.787	20.00	0.079	2.00	0.315	8.00	1000
FBM1060A	0.394	10.00	0.472	12.00	0.630	16.00	0.079	2.00	0.157	4.00	1000
FBM1070A	0.394	10.00	0.512	13.00	0.709	18.00	0.079	2.00	0.236	6.00	1000
FBM1080A	0.394	10.00	0.512	13.00	0.709	18.00	0.118	3.00	0.512	13.00	1000
FBM1090A	0.394	10.00	0.551	14.00	0.787	20.00	0.079	2.00	0.315	8.00	1000
FBM1100A	0.394	10.00	0.630	16.00	0.827	21.00	0.079	2.00	0.315	8.00	1000
FBM1110A	0.472	12.00	0.551	14.00	0.787	20.00	0.079	2.00	0.315	8.00	1000
FBM1120A	0.472	12.00	0.630	16.00	0.827	21.00	0.079	2.00	0.315	8.00	1000
FBM1130A	0.472	12.00	0.630	16.00	0.827	21.00	0.118	3.00	0.630	16.00	1000
FBM1150A	0.709	18.00	0.866	22.00	1.181	30.00	0.118	3.00	0.866	22.00	1000
FBM1160A	0.984	25.00	1.181	30.00	1.457	37.00	0.118	3.00	1.063	27.00	1000
FBM1170A	1.102	28.00	1.299	33.00	1.575	40.00	0.118	3.00	1.181	30.00	750



# SHOULDER WASHERS

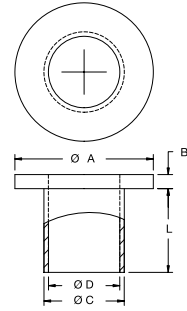
## MNI Series Shoulder Washer

Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

Features:

- Used as a screw insulator and in many bushing applications
- Lightweight
- Resistant to corrosion and abrasion
- High dielectric strength



Item No.	Fits Screw		L		Ø A		B		Ø C		Ø D		Pack Qty.
	Imperial	Metric	in	mm	in	mm	in	mm	in	mm	in	mm	
MNI-2-2	#2	M2	0.031	0.8	0.181	4.6	0.047	1.2	0.120	3.0	0.090	2.3	1000
MNI-2-4	#2	M2	0.063	1.6	0.181	4.6	0.047	1.2	0.120	3.0	0.090	2.3	1000
MNI-4-2	#4	M2.5	0.031	0.8	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-3	#4	M2.5	0.046	1.2	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-4	#4	M2.5	0.063	1.6	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-5	#4	M2.5	0.084	2.1	0.252	6.4	0.047	1.2	0.140	3.6	0.115	2.9	1000
MNI-4-6	#4	M2.5	0.093	2.4	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-8	#4	M2.5	0.125	3.2	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-10	#4	M2.5	0.156	4.0	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-12	#4	M2.5	0.187	4.7	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-16	#4	M2.5	0.250	6.4	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-4-24	#4	M2.5	0.375	9.5	0.235	6.0	0.047	1.2	0.145	3.7	0.115	2.9	1000
MNI-5-3	#5	M3	0.051	1.3	0.370	9.4	0.047	1.2	0.236	6.0	0.128	3.3	1000
MNI-6-2	#6	M3.5	0.031	0.8	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-4	#6	M3.5	0.063	1.6	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-6	#6	M3.5	0.093	2.4	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-8	#6	M3.5	0.125	3.2	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-12	#6	M3.5	0.187	4.7	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-16	#6	M3.5	0.250	6.4	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-24	#6	M3.5	0.375	9.5	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-6-32	#6	M3.5	0.500	12.7	0.290	7.4	0.047	1.2	0.170	4.3	0.140	3.6	1000
MNI-8-2	#8	M4	0.031	0.8	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-4	#8	M4	0.063	1.6	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-6	#8	M4	0.093	2.4	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-8	#8	M4	0.125	3.2	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-12	#8	M4	0.187	4.7	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-16	#8	M4	0.250	6.4	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-24	#8	M4	0.375	9.5	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-8-32	#8	M4	0.500	12.7	0.344	8.7	0.063	1.6	0.205	5.2	0.173	4.4	1000
MNI-10-4	#10	M5	0.063	1.6	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-6	#10	M5	0.093	2.4	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-8	#10	M5	0.125	3.2	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-12	#10	M5	0.187	4.7	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-16	#10	M5	0.250	6.4	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-24	#10	M5	0.375	9.5	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI-10-32	#10	M5	0.500	12.7	0.399	10.1	0.063	1.6	0.260	6.6	0.200	5.1	1000
MNI1/4-6	1/4	M6	0.093	2.4	0.513	13.0	0.065	1.7	0.312	7.9	0.260	6.6	1000
MNI1/4-12	1/4	M6	0.187	4.7	0.513	13.0	0.065	1.7	0.312	7.9	0.260	6.6	1000
MNI1/4-16	1/4	M6	0.250	6.4	0.513	13.0	0.065	1.7	0.312	7.9	0.260	6.6	1000
MNI1/4-24	1/4	M6	0.375	9.4	0.513	13.0	0.065	1.7	0.312	7.9	0.260	6.6	1000
MNI1/4-32	1/4	M6	0.500	12.7	0.513	13.0	0.065	1.7	0.312	7.9	0.260	6.6	1000
MNI5/16-6	5/16	M8	0.093	2.4	0.620	15.7	0.063	1.6	0.360	9.1	0.320	8.1	1000
MNI5/16-12	5/16	M8	0.187	4.7	0.620	15.7	0.063	1.6	0.360	9.1	0.320	8.1	1000
MNI5/16-16	5/16	M8	0.250	6.4	0.620	15.7	0.063	1.6	0.360	9.1	0.320	8.1	1000
MNI-M2.5-1.3	#2	M2.5	0.051	1.3	0.248	6.3	0.047	1.2	0.138	3.5	0.114	2.9	1000
MNI-M2.5-3.6	#2	M2.5	0.142	3.6	0.280	7.1	0.059	1.5	0.150	3.8	0.110	2.8	1000
MNIM3-1.0	#4	M3	0.039	1.0	0.280	7.1	0.039	1.0	0.150	3.8	0.122	3.1	1000
MNI-M3-1.3	#4	M3	0.051	1.3	0.347	8.8	0.047	1.2	0.236	6.0	0.126	3.2	1000
MNIM3-2.5	#4	M3	0.098	2.5	0.280	7.1	0.039	1.0	0.150	3.8	0.122	3.1	1000
MNIM3-3.5	#4	M3	0.137	3.5	0.280	7.1	0.039	1.0	0.150	3.8	0.122	3.1	1000

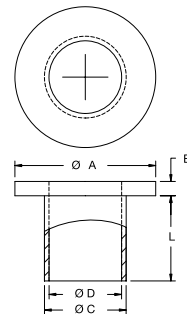
## MNI-HT Series High Temperature Shoulder Washer

Specifications:

- Material: UL94 V-0 Glass Filled Polyphenylene Sulfide
- Color: Black

Features:

- Temperature: up to 428°F (220°C)



Item No.	Fits Screw		L		Ø A		B		Ø C		Ø D		Pack Qty.
	Imperial	Metric	in	mm	in	mm	in	mm	in	mm	in	mm	
MNI-HT-4-2	#4	M3	0.031	0.8	0.280	7.1	0.047	1.2	0.145	3.7	0.118	3.0	1000
MNI-HT-4-20	#4	M3	0.032	0.8	0.215	5.5	0.040	1.0	0.135	3.4	0.116	2.9	1000
MNI-HT-10-6	#10	M4.5	0.093	2.4	0.399	10.0	0.063	1.6	0.260	6.6	0.200	5.1	1000



**QM Series  
Quiet Mounts**

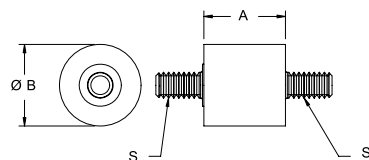
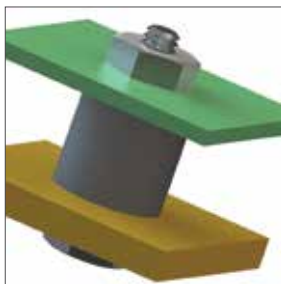


Fig. 1

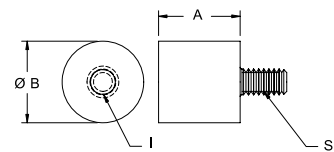


Fig. 2

Specifications:

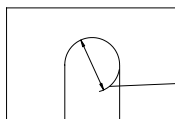
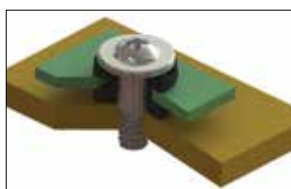
- Material: 40 Shore A Neoprene Rubber, 1010-1020 Steel
- Color: Black

Features:

- Absorbs vibration, noise and shock
- For heavy duty applications

Item No.	Fig	A		Ø B		S	I	Ref Loadat 15% Deflection		Pack Qty.
		in	mm	in	mm			lbs	kg	
QM1	1	7/16	11.1	7/16	11.1	#6-32 x 1/4	—	8	4	100
QM1T	2	7/16	11.1	7/16	11.1	#6-32 x 1/4	#6-32 x 3/16	5	2	100
QM2T	2	7/16	11.1	7/16	11.1	#6-32 x 1/2	#6-32 x 3/16	7	3	100
QM3	1	1/2	12.7	7/16	11.1	#8-32 x 3/8	—	9	4	100
QM3T	2	1/2	12.7	7/16	11.1	#8-32 x 3/8	#8-32 x 3/16	8	4	100
QM4	1	1/2	12.7	9/16	14.3	#8-32 x 3/8	—	15	7	100
QM4T	2	1/2	12.7	9/16	14.3	#8-32 x 3/8	#8-32 x 3/16	28	13	100
QM5	1	3/4	19.1	1.2	25.4	1/4-20 x 1/2	—	43	20	100
QM7	1	9/16	14.3	1/2	12.7	#10-32 x 3/8	—	3	1	100
QM7T	2	9/16	14.3	1/2	12.7	#10-32 x 3/8	#10-32 x 3/16	10	5	100

**VG Series  
Vibration Grommet**



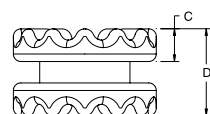
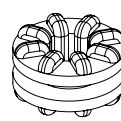
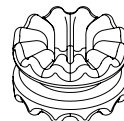
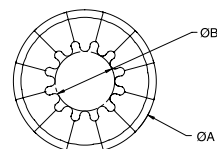
See Grommet Table for Panel Hole Size



Fig. 1



Fig. 2



Specifications:

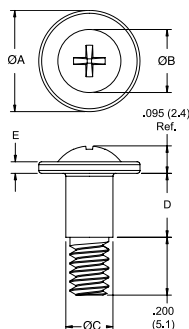
- Material: Neoprene Rubber, 60 Shore A
- Color: Black

Features:

- Provides vibration and noise control
- Shock protection
- VG grommet is mounted with VGS screw (sold separately see below)

Item No.	Ø A		Ø B		Panel Thickness		Ø Hole		C Typ.		D Ref.		Fig.	Mating Screws	Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			
VG-1	0.380	9.7	0.158	4.0	0.057	1.45	0.250	6.35	0.087	2.2	0.231	5.9	1	VGS-1 or VGS-4	1000
VG-2	0.565	14.4	0.188	4.8	0.063	1.60	0.375	9.53	0.131	3.3	0.324	8.2	1	VGS-2 or VGS-5	1000
VG-3	0.380	9.4	0.158	4.0	0.031	0.79	0.250	6.35	0.100	2.5	0.231	5.9	1	VGS-1 or VGS-4	1000
VG-4	0.565	14.4	0.188	4.8	0.043	1.09	0.375	9.53	0.141	3.6	0.324	8.2	1	VGS-2 or VGS-5	1000
VG-5	0.374	9.5	0.142	3.6	0.055	1.40	0.217	5.5	0.083	2.1	0.217	5.5	2	VGS-3 or VGS-6	1000

**VGS Series  
Vibration Grommet Screw**



Specifications:

- Material: Zinc Plated 1022 Carbon Steel

Features:

- Mounts the VG grommet seen above

Item No.	Thread	Use With Grommet Item No.	Ø A		Ø B Ref.		Ø C		D		E		Pack Qty.
			in	mm	in	mm	in	mm	in	mm	in	mm	
VGS-1	#6-32 UNC-2A	VG-1, VG-3	0.350	8.9	0.218	5.5	0.163	4.1	0.205	5.2	0.050	1.3	1000
VGS-2	#6-32 UNC-2A	VG-2, VG-4	0.500	12.7	0.320	8.1	0.194	4.9	0.290	7.4	0.040	1.0	1000
VGS-3	#6-32 UNC-2A	VG-5	0.350	8.9	0.218	5.5	0.146	3.7	0.195	5.0	0.050	1.3	1000
VGS-4	M3 x 0.5	VG-1, VG-3	0.350	8.9	0.218	5.5	0.163	4.1	0.205	5.2	0.050	1.3	1000
VGS-5	M3 x 0.5	VG-2, VG-4	0.500	12.7	0.320	8.1	0.194	4.9	0.290	7.4	0.040	1.0	1000
VGS-6	M3 x 0.5	VG-5	0.350	8.9	0.218	5.5	0.146	3.7	0.196	5.0	0.050	1.3	1000



# ROTARY DAMPERS

## RFRT-G Series Two Way Rotary Damper



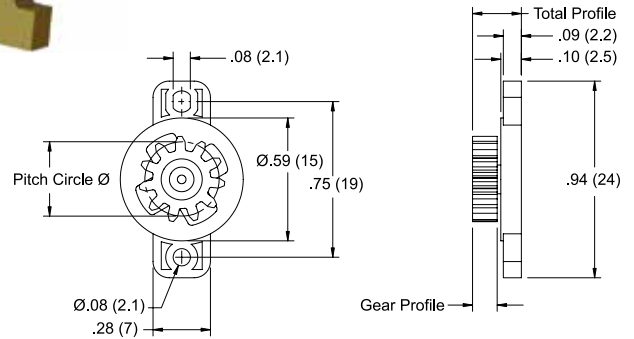
### Specifications:

- Material: Housing: UL94 HB Polycarbonate, Shaft and Gear: Acetal
- Color: Black

### Features:

- Enables products to function with a smooth, mechanical motion
- Prevents lid and access panel closure damage
- Dampens in both directions of rotation
- Mounts with M2 screws or SR-20XX Snap Rivets (see page 121)

Item No.	Torque (gf.cm) @ 20RPM and 23° C	Gear Style
RFRT-G2-200-G1	20 ± 7	1
RFRT-G2-200-G2	20 ± 7	2
RFRT-G2-200-G3	20 ± 7	3
RFRT-G2-300-G1	30 ± 8	1
RFRT-G2-300-G2	30 ± 8	2
RFRT-G2-300-G3	30 ± 8	3
RFRT-G2-450-G1	45 ± 10	1
RFRT-G2-450-G2	45 ± 10	2
RFRT-G2-450-G3	45 ± 10	3
RFRT-G2-600-G1	60 ± 12	1
RFRT-G2-600-G2	60 ± 12	2
RFRT-G2-600-G3	60 ± 12	3
RFRT-G2-101-G1	100 ± 20	1
RFRT-G2-101-G2	100 ± 20	2
RFRT-G2-101-G3	100 ± 20	3



Gear	Gear Style		
	1	2	3
Type	Standard Spur	Standard Spur	Standard Spur
Tooth Profile	Involute Gear	Involute Gear	Involute Gear
Pressure Angle	20°	20°	20°
No of Teeth	14	10	11
Pitch Circle Ø	.28 (7)	.39 (10)	.35 (8.8)
Gear Profile	.15 (3.7)	.12 (3)	.14 (3.6)
Total Profile Ref	.26 (6.6)	.23 (5.9)	.26 (6.5)

## RFRT-D2 Series Two Way High Torque Rotary Damper



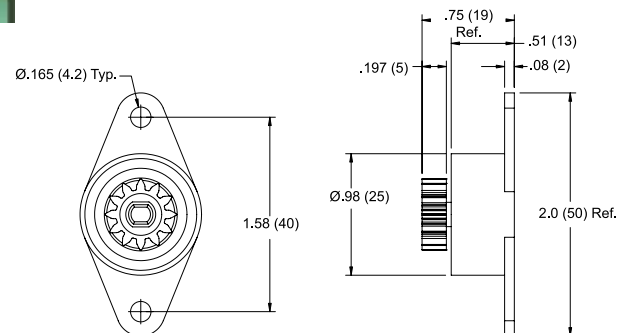
### Specifications:

- Material: Housing: UL94 HB Polycarbonate, Shaft and Gear: Acetal
- Color: Black

### Features:

- Enables products to function with a smooth, mechanical motion
- Prevents lid and access panel closure damage
- Dampens in both directions of rotation
- Mounts with #8/M4 screws or SR-40XX Snap Rivets (see page 119)

Item No.	Torque (gf.cm) @ 20RPM and 23° C
RFRT-D2-102-G2	1000 ± 200
RFRT-D2-152-G2	1500 ± 300

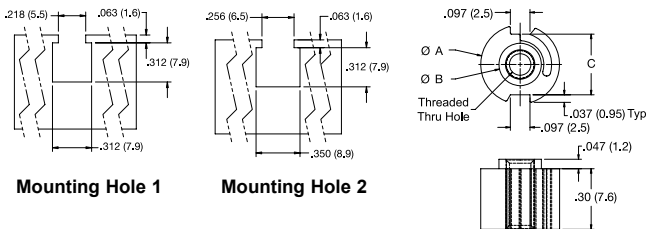
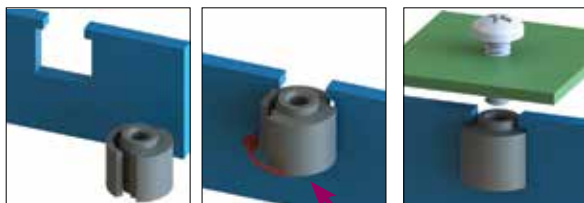


Gear	
Type	Standard Spur
Tooth Profile	Involute Gear
Pressure Angle	20°
No of Teeth	12
Pitch Circle	.47



# SHEET EDGE INSERT, SHELF ACCESSORIES AND SUCTION CUPS

## SEI Series Sheet Edge Insert



### Installation:

1. Install insert notch into the side of the panel opening
2. Rotate spring leg of insert toward the panel. This compresses the spring leg allowing it to pass through the notch in the panel
3. Leg will snap back to its normal position securing insert in panel

**NOTE:** Screwdriver required for installation

### Specifications:

- Material: UL94 V-2 Nylon 6/6
- Color: Black

### Features:

- Provides strong threads in metal sheets too thin to be tapped
- Fastens to the edges of thin sheets
- Alternative to self-clinching inserts
- Can be removed by pinching the spring legs and rotating
- Internal thread requires a screwdriver for installation

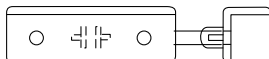
Item No.	Thread Type	Ø A		Ø B		C		Panel Thickness		Mounting Hole	Pack Qty.
		in	mm	in	mm	in	mm	in	mm		
SEI-1	#6-32 UNC	0.39	9.9	0.21	5.3	0.30	7.6	0.050 - 0.095	1.27 - 2.41	1	1000
SEI-2	M4	0.39	9.9	0.21	5.3	0.30	7.6	0.050 - 0.091	1.27 - 2.30	1	1000
SEI-3	M3	0.39	9.9	0.21	5.3	0.30	7.6	0.050 - 0.091	1.27 - 2.30	1	1000
SEI-4	M5	0.43	10.9	0.25	6.3	0.34	8.6	0.050 - 0.095	1.27 - 2.41	2	1000
SEI-5	M6	0.43	10.9	0.25	6.3	0.34	8.6	0.050 - 0.095	1.27 - 2.41	2	1000

## GSS Series Glass Shelf Supports



### Specifications:

- Material: Butyrate
- Color: Clear



### Features:

- Clamps easily to metal brackets
- Clear butyrate is glass-like in appearance as well as stress and impact resistant

Item No.	Bracket Thickness		Style	Pack Qty.
	in	mm		
GSS1000A	0.093	2.37	Center Back Clip	5000
GSS1100A	0.093	2.37	Center Front Clip	3500

## RCL Series Retainer Clips



### Specifications:

- Material: See Table
- Color: See Table

### Features:

- Used for retaining panels or screens to an opening in a door
- Attractive and economical method of securing a mirror to a wall or as a means of mounting a picture into a frame

Item No.	Panel Thickness		Color	Material	Pack Qty.
	in	mm			
RCL1000A	0.156	3.96	Natural	Nylon	21000
RCL1000B	0.156	3.96	Clear	Butyrate	16500

## SUC Series Suction Cups

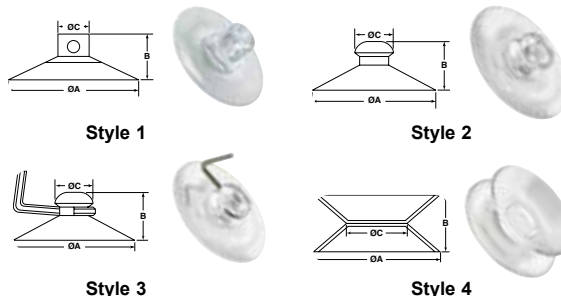
### Specifications:

- Material: PVC
- Color: Clear



### Features:

- **Style 1** is designed with a side pilot hole to be used with string hanger, wire dowels or various other fasteners
- **Style 2** with the mushroom head design can be used with a wide range of self hanging products
- **Style 3** with the hook design is perfect for window mounted signs, ornaments and decorations
- **Style 4** or the double suction cup securely holds, separates, and cushions parallel glass or related surfaces



Item No.	Style	Ø A	B	Ø C	Ø Hole	Pack Qty.
		in	in	in	in	
SUC100A	1	0.866	0.331	0.244	0.110	3000
SUC105A	1	0.984	0.394	0.311	0.157	2000
SUC110A	1	1.181	0.551	0.374	0.185	1500
SUC115A	1	1.378	0.492	0.354	0.185	1000
SUC120A	1	1.575	0.630	0.354	0.197	800
SUC125A	1	1.772	0.748	0.492	0.197	500
SUC130A	1	1.969	0.661	0.394	0.213	350
SUC135A	1	2.165	0.787	0.551	0.256	250
SUC140A	1	2.480	0.787	0.591	0.256	230
SUC200A	2	0.748	0.394	0.327	—	3000
SUC205A	2	0.866	0.325	0.315	—	3500
SUC210A	2	1.181	0.449	0.449	—	1500
SUC215A	2	1.378	0.492	0.541	—	1000
SUC220A	2	1.575	0.598	0.531	—	800

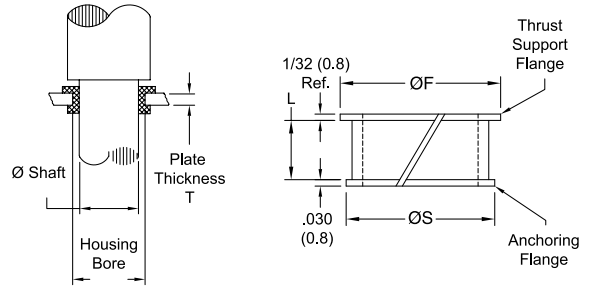
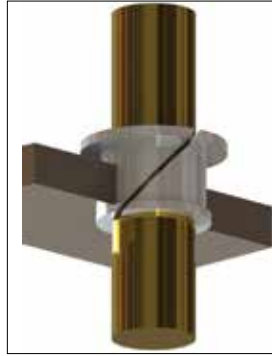
Item No.	Style	Ø A	B	Ø C	Ø Hole	Pack Qty.
		in	in	in	in	
SUC225A	2	1.772	0.561	0.587	—	500
SUC230A	2	1.969	0.433	0.610	—	350
SUC235A	2	2.165	0.787	0.626	—	250
SUC240A	2	2.480	0.917	0.709	—	230
SUC300A	3	0.866	0.295	0.287	—	2000
SUC305A	3	1.181	0.449	0.449	—	1000
SUC310A	3	1.378	0.492	0.541	—	700
SUC315A	3	1.575	0.551	0.531	—	500
SUC320A	3	1.654	0.598	0.453	—	500
SUC325A	3	1.772	0.561	0.587	—	400
SUC330A	3	1.969	0.689	0.610	—	300
SUC335A	3	2.165	0.787	0.626	—	250
SUC400A	4	0.787	0.374	0.374	—	2000
SUC405A	4	1.181	0.591	0.512	—	1000





# SNAP IN BEARINGS

## R Series Snap In Bearing



**Specifications:**

- Material: UL94 V-2 Nylon 6/6
- Color: Natural

**Features:**

- Effective at damping out noise and vibration
- Does not require lubrication
- Axial slot helps maintain proper fit and compensate for humidity and temperature changes

Item No.	Maximum Shaft Ø		Minimum Housing Bore		Bearing ID Installed		F Ø		S Ø		L		T		Pack Qty.
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
R3L1-C	3/16	4.8	0.234	5.9	0.189	4.8	5/16	7.9	1/4	6.4	0.078	2.0	0.040 - 0.075	1.0 - 1.9	1000
R3L2-C	3/16	4.8	0.234	5.9	0.189	4.8	5/16	7.9	1/4	6.4	0.140	3.6	0.072 - 0.135	1.8 - 3.4	1000
R4L1-C	1/4	6.4	5/16	7.9	0.251	6.4	7/16	11.1	11/32	8.7	0.078	2.0	0.040 - 0.075	1.0 - 1.9	1000
R5L1-C	5/16	7.9	3/8	9.5	0.314	8	1/2	12.7	13/32	10.3	0.078	2.0	0.040 - 0.075	1.0 - 1.9	1000
R6L2-C	3/8	9.5	7/16	11.1	0.376	9.6	9/16	14.3	15/32	11.9	0.140	3.6	0.072 - 0.135	1.8 - 3.4	1000
R12L1-C	3/4	19.1	13/16	20.6	0.751	19.1	1	25.4	27/32	21.4	0.078	2.0	0.040 - 0.075	1.0 - 1.9	1000

**Radial Load Capacity (in lbs.)**

Item No.	Nominal Bearing ID			RPM				
	in	mm	Static	10	50	100	250	
R3L1-C	3/16	4.8	24	4	4	3	2	
R3L2-C	3/16	4.8	48	9	8	6	4	
R4L1-C	1/4	6.4	32	5	5	4	2	
R5L1-C	5/16	7.9	40	8	6	4	2	
R6L2-C	3/8	9.5	96	19	15	10	4	
R12L1-C	3/4	19.1	100	20	14	6	2.5	

**Installation**

Bearings should always be installed in a housing bore that provides good support for the bearing.

When operated continuously without lubrication at the maximum permissible speed of 500 rpm, shafts should be hardened or plated in the bearing area to minimize wear.

Unhardened stainless steel shafts are not recommended. Use chromium plated or nickel plated shafts where corrosion is a problem.

**Correct Clearances**

Housing bore diameters should not be smaller than the minimum diameters specified in tables presented in this catalog. To check bearing I.D.'s for clearance, the bearing should be installed in its housing bore. Plug gauges with diameters corresponding to the minimum and maximum recommended I.D.'s can be used to determine whether the clearance is correct for the bearing when operated on recommended shaft.

When bearings must operate in liquids, the wall thickness of the bearing will increase due to absorption of liquid. Wall thicknesses also increase when bearings are used in a consistently humid environment.

The compensation gap allows for the bearing to be collapsed sufficiently so that the small flange can be easily spiraled through the mounting hole. Position the bearing over the hole with the gap facing up. With light finger pressure immediately to the left of the compensation gap, the bearing is spiraled into position.

Bearings perform effectively in temperature ratings from -40°F to +200°F. Bearing load ratings to 8,000 PSI and speed ratings up to 2,000 feet per minute ensure durability.



## Hook and Loop Pieces



### Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features:

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material

### White Pre-Cut Pieces

Item No.		Width	Length	Pieces/ Carton
Hook Side	Loop Side	in	in	
476832	476852	3/4	3	5000
476837	476857	1	2	5000
476838	476858	1	3	5000
476839	476859	1	4	3000
476840	476860	1	5	2500
476841	476861	1	10	2000

### Black Pre-Cut Pieces

Item No.		Width	Length	Pieces/ Carton
Hook Side	Loop Side	in	in	
476877	476897	1	2	5000
476878	476898	1	3	5000
476879	476899	1	4	3000
476880	476900	1	5	2500

## Hook and Loop Mated Sets



### Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features:

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material
- Mated pieces save time in assembly

### White Pre-Cut Mated Sets

Item No.	Width	Length	Sets/ Carton
	in	in	
476904	1/2	2	5000
476912	3/4	3	2500
476913	3/4	4	2000
476914	3/4	5	1500
476915	3/4	10	750
476916	1	1	5000
476917	1	2	2500
476918	1	3	2000
476919	1	4	1500
476920	1	5	1000
476921	1	10	500

### Black Pre-Cut Mated Sets

Item No.	Width	Length	Sets/ Carton
	in	in	
476931	3/4	2	4000
476936	1	1	5000
476937	1	2	2500
476938	1	3	2000
476939	1	4	1500
476940	1	5	1000
476941	1	10	500



# Need Something Thinner?

Hook and Loop Low Profile  
see page 154

Up to 40% thinner than standard hook and loop!



# HOOK AND LOOP

## Hook and Loop Spools



### Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features:

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to: low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material

White Spools				
Item No.		Width	Length	
Hook Side	Loop Side	in	yds	
476962	476963	1/2	1200	
476970	476971	3/4	800	
476974	476975	1	650	

Black Spools				
Item No.		Width	Length	
Hook Side	Loop Side	in	yds	
476964	476965	1/2	1200	
476972	476973	3/4	800	
476976	476977	1	650	

## Hook and Loop Rolls



### Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

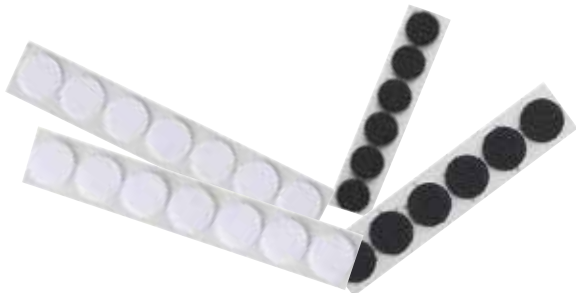
### Features:

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material

White Rolls				
Item No.		Width	Length	
Hook Side	Loop Side	in	yds	
476804	476816	1/2	25	
476805	476817	5/8	25	
476806	476818	3/4	25	
476807	476819	1	25	
476809	476821	2	25	

Black Rolls				
Item No.		Width	Length	
Hook Side	Loop Side	in	yds	
476798	476810	1/2	25	
476799	476811	5/8	25	
476800	476812	3/4	25	
476803	476813	1	25	
476801	476814	1-1/2	25	
476802	476815	2	25	

## Hook and Loop Coins



### Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

### Features:

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material

White Coins				
Item No.		Diameter	Coins/ Roll	Rolls/ Carton
Hook Side	Loop Side	in		
476959	476961	3/8	1800	24
476946	476954	1/2	1440	24
476947	476955	5/8	1200	24
476948	476956	3/4	1028	18
476949	476957	7/8	900	18

Black Coins				
Item No.		Diameter	Coins/ Roll	Rolls/ Carton
Hook Side	Loop Side	in		
476942	476950	1/2	1440	24
476943	476951	5/8	1200	24
476944	476952	3/4	1028	18
476945	476953	7/8	900	18



Thick Hook and Loop Pieces



Specifications:

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: Black
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

Features:

- Combines Twin Stick® with Duraco® Hook and Loop for better gap filling and conformability in a hook and loop fastener
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material

Black Pre-Cut Pieces On A Roll						
Item No.		Foam Thickness	Width	Length	Pieces/ Roll	
Hook Side	Loop Side	in	in	in		
471697	471706	1/8	1	4	1500	

Hook and Loop Sew On Rolls



Specifications:

- Material: 100% Nylon
- Color: See Table

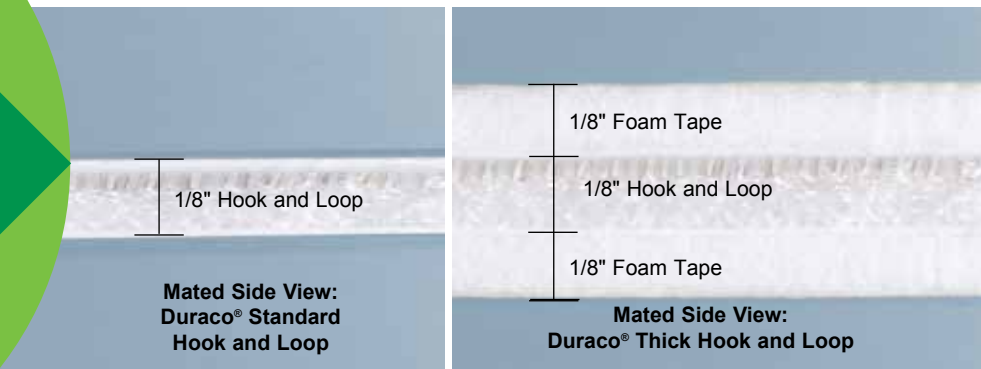
Features:

- Provides strong hook and loop fastening for sew on applications
- Applications: orthopedics, medical devices, banners, event design, trade shows, fabric displays, apparel

White Sew On Rolls				
Item No.		Width	Length	Rolls/ Carton
Hook Side	Loop Side	in	yds	
472978	472979	1	25	20

Black Sew On Rolls				
Item No.		Width	Length	Rolls/ Carton
Hook Side	Loop Side	in	yds	
472980	472981	1	25	20

# THICK Hook and Loop



Compare THICK hook and loop to standard hook and loop

**HOOK AND LOOP****Hook and Loop Mated Coins****Specifications:**

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

**Features:**

- Strong adhesive with high initial tack ("Quick Stick")
- On clear polyester liner for easy release
- Bonds well to low surface energy plastics, corrugate, chipboard, glass, wood, powder coated material
- Pre-cut mated coins save time in assembly

**White Mated Coins**

Item No.	Width		Sets/Roll
	in		
476982	3/8		1500
476983	1/2		1000
476985	3/4		1000
476986	7/8		1000
476987	1		500

**Black Mated Coins**

Item No.	Width		Sets/Roll
	in		
476990	3/8		1500
476991	1/2		1000
476992	5/8		1000
476993	3/4		1000
476994	7/8		1000
476995	1		500

**Hook and Loop Low Profile****Specifications:**

- Adhesive: Rubber-based permanent (not recommended in applications with direct UV exposure)
- Material: 100% Nylon with clear Polyester film liner
- Color: See Table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

**Features:**

- Strong adhesive backing in a slim profile that is up to 40% thinner than standard hook and loop
- On clear polyester liner for easy release
- Ideal for low cycle applications

**White Low Profile Rolls**

Item No.		Width	Length	Rolls/ Carton
Hook Side	Loop Side	in	yds	
475792	475796	1/2	25	40
475793	475797	5/8	25	30
475794	475798	3/4	25	25
475795	475799	1	25	20

**Black Low Profile Rolls**

Item No.		Width	Length	Rolls/ Carton
Hook Side	Loop Side	in	yds	
475800	475804	1/2	25	40
475801	475805	5/8	25	30
475802	475806	3/4	25	25
475803	475807	1	25	20

**White Coins On A Roll**

Item No.		Diameter	Coins/ Roll	Rolls/ Carton
Hook Side	Loop Side	in		
475808	475812	1/2	1440	30
475809	475813	5/8	1200	25
475810	475814	3/4	1028	20
475811	475815	7/8	900	20

**Black Coins On A Roll**

Item No.		Diameter	Coins/ Roll	Rolls/ Carton
Hook Side	Loop Side	in		
475816	475820	1/2	1440	30
475817	475821	5/8	1200	25
475819	475823	7/8	900	20



Duraco High Bond® Gray



Specifications:

- Material: Acrylic foam with an acrylic adhesive
- Color: Gray
- Service Temperature: See Table

Features:

- High performance acrylic foam core tapes
- Aesthetically pleasing - create nearly invisible bond lines without welds, rivets, and screws
- Tamper resistant - permanent bond
- Excellent resistance to temperature cycles
- Unique shock absorption and vibration damping properties
- Good conformability/softness for irregular or curved surfaces
- Applications: sign installation, POP displays, replaces mechanical fasteners in HVAC and appliances, decorative panels, LCD displays, data enclosures, hand held electronic assembly, seamless banner assembly

Pre-Cut Pieces On A Roll

Item No.	Series	Thickness	Width	Length	Pieces/ Roll	Service Temp °F
		in	in	in		
475736	14	.045	1	1	1250	-20 to 240
475737	14	.045	1	2	1250	-20 to 240
475738	14	.045	1	3	1000	-20 to 240
475739	14	.045	1	4	1000	-20 to 240

Rolls

Item No.	Series	Thickness	Width	Length	Service Temp °F
		in	in	in	
472951	21	.015	1/2	108	-20 to 300
472952	21	.015	3/4	108	-20 to 300
472953	21	.015	1	108	-20 to 300
475727	31	.025	1/2	216	-20 to 300
475728	31	.025	3/4	216	-20 to 300
475729	31	.025	1	216	-20 to 300
472945	14	.045	1/2	108	-20 to 240
472946	14	.045	3/4	108	-20 to 240
472947	14	.045	1	108	-20 to 240
475703	10	.062	1/2	108	-20 to 300
475704	10	.062	3/4	108	-20 to 300
475705	10	.062	1	108	-20 to 300
475694	18	.090	1/2	108	-20 to 240
475695	18	.090	3/4	108	-20 to 240
475696	18	.090	1	108	-20 to 240

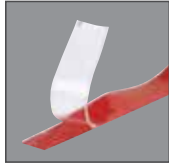
**Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.**



# HASSLE-FREE SERVICE



Our teams of knowledgeable, dedicated employees are committed to providing a hassle-free experience from sampling and quoting through delivery. Call us today!

**HIGH BOND TAPES****Duraco High Bond® Clear****Specifications:**

- Material: Acrylic foam with an acrylic adhesive
- Color: Clear
- Service Temperature: -20°F to 300°F

**Features:**

- High performance acrylic foam core tapes
- Aesthetically pleasing - create nearly invisible bond lines without welds, rivets, and screws
- Tamper resistant - permanent bond
- Excellent resistance to temperature cycles
- Unique shock absorption and vibration damping properties
- Good conformability/softness for irregular or curved surfaces
- Applications: sign installation, POP displays, replaces mechanical fasteners in HVAC and appliances, decorative panels, LCD displays, data enclosures, hand held electronic assembly, seamless banner assembly
- Perfect for glass or clear acrylic applications

**Pre-Cut Pieces On A Roll**

Item No.	Series	Thickness	Width	Length	Pieces/ Roll
		in	in	in	
475730	23	.020	1	1	2500
475731	23	.020	1	2	2500
475732	23	.020	1	3	2000
475625	23	.020	1	4	2000
475733	34	.040	1	1	1250
475734	34	.040	1	2	1250
475735	34	.040	1	3	1000
475658	34	.040	1	4	1000

**Rolls**

Item No.	Series	Thickness	Width	Length
		in	in	in
475718	50	.010	1/2	180
475719	50	.010	3/4	180
475720	50	.010	1	180
472939	23	.020	1/2	216
472940	23	.020	3/4	216
472941	23	.020	1	216
472942	34	.040	1/2	108
472943	34	.040	3/4	108
472944	34	.040	1	108
475721	35	.060	1/2	108
475722	35	.060	3/4	108
475723	35	.060	1	108
475724	07	.080	1/2	54
475725	07	.080	3/4	54
475726	07	.080	1	54

**Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.**

**Duraco High Bond® White****Specifications:**

- Material: Acrylic foam with an acrylic adhesive
- Color: White
- Service Temperature: See Table

**Features:**

- High performance acrylic foam core tapes
- Aesthetically pleasing - create nearly invisible bond lines without unsightly welds, rivets, and screws
- Tamper resistant - permanent bond
- Excellent resistance to temperature cycles
- Unique shock absorption and vibration damping properties
- Good conformability/softness for irregular or curved surfaces
- Applications: sign installation, POP displays, replaces mechanical fasteners in HVAC and appliances, decorative panels, LCD displays, data enclosures, hand held electronic assembly, seamless banner assembly

**Pre-Cut Pieces On A Roll**

Item No.	Series	Thickness	Width	Length	Service Temp °F	Pieces/ Roll
		in	in	in		
475740	40	.045	1	1	-20 to 240	1250
475741	40	.045	1	2	-20 to 240	1250
475742	40	.045	1	3	-20 to 240	1000
475743	40	.045	1	4	-20 to 240	1000



Duraco High Bond® White (continued)



Rolls						
Item No.	Series	Thickness		Width		Length
		in		in		
475706	24	.010		1/2		432
475707	24	.010		3/4		432
475708	24	.010		1		432
472954	56	.015		1/2		108
472955	56	.015		3/4		108
472956	56	.015		1		108
472957	72	.025		1/2		108
472958	72	.025		3/4		108
472959	72	.025		1		108
472948	40	.045		1/2		108
472949	40	.045		3/4		108
472950	40	.045		1		108
475709	02	.062		1/2		108
475710	02	.062		3/4		108
475711	02	.062		1		108
475712	04	.080		1/2		108
475713	04	.080		3/4		108
475714	04	.080		1		108
475715	51	.120		1/2		39
475716	51	.120		3/4		39
475717	51	.120		1		39

Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.

Duraco High Bond® Black Rolls



Specifications:

- Material: Acrylic foam with an acrylic adhesive
- Color: Black
- Service Temperature: -20°F to 200°F

Features:

- High performance acrylic foam core tapes
- Aesthetically pleasing - create nearly invisible bond lines without welds, rivets, and screws
- Tamper resistant - permanent bond
- Excellent resistance to temperature cycles
- Unique shock absorption and vibration damping properties
- Good conformability/softness for irregular or curved surfaces
- Applications: sign installation, POP displays, replaces mechanical fasteners in HVAC and appliances, decorative panels, LCD displays, data enclosures, hand held electronic assembly, seamless banner assembly

Rolls						
Item No.	Series	Thickness		Width		Length
		in		in		
475697	09	.025		1/2		216
475698	09	.025		3/4		216
475699	09	.025		1		216
472960	33	.025		1/2		108
472961	33	.025		3/4		108
472962	33	.025		1		108
475700	16	.045		1/2		108
475701	16	.045		3/4		108
475702	16	.045		1		108
472963	26	.045		1/2		108
472964	26	.045		3/4		108
472965	26	.045		1		108

Adhesive promoter: The component substrate determines whether an adhesive promoter should be used. Use of an adhesive promoter can allow a quicker initial and ultimate bond.



**TWIN STICK® FOAM TAPE****White Twin Stick® Foam Tape****Specifications:**

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. In of tape (conditions and variables in applications can produce different stresses and affect holding power)

**Features:**

- Available in various pre-cut thicknesses for quick installation
- Securely attaches to surfaces without drilling or mechanical fasteners
- Flexible foam carrier fills gaps, allowing irregular surfaces to be joined
- Aggressive rubber-based adhesive was designed to bond to many different types of surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings

**White Pre-Cut Pieces On A Roll - 1/32" Thick**

Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470096	1/32	1/4	1/4	15000
470031	1/32	1/4	1/2	15000
470097	1/32	1/4	1	10000
501729	1/32	1/4	1-3/8	12500
472725	1/32	1/4	2	7500
472726	1/32	1/4	3	5000
472729	1/32	1/4	6	4000
500100	1/32	5/16	1-1/2	25000
470027	1/32	1/2	1/2	10000
470098	1/32	1/2	3/4	10000
470000	1/32	1/2	1	10000
472730	1/32	1/2	1-1/2	10000
470001	1/32	1/2	2	10000
472731	1/32	1/2	2-1/2	7500
470002	1/32	1/2	3	5000
472732	1/32	1/2	3-1/2	5000
470003	1/32	1/2	4	5000
472733	1/32	1/2	4-1/2	4000
470099	1/32	1/2	5	3000
470100	1/32	1/2	6	3000
470101	1/32	1/2	7	2000
470102	1/32	1/2	8	2000
470103	1/32	1/2	9	2000
470104	1/32	1/2	10	2000
470105	1/32	1/2	11	2000
470106	1/32	1/2	12	2000
470109	1/32	1/2	15	1500
475463	1/32	1/2	25	1000
470120	1/32	3/4	3/4	10000
470121	1/32	3/4	1	10000
472744	1/32	3/4	1-1/2	7500
470004	1/32	3/4	2	5000
472745	1/32	3/4	2-1/2	5000
470005	1/32	3/4	3	5000
472746	1/32	3/4	3-1/2	3500
470122	1/32	3/4	4	2500
470123	1/32	3/4	5	2000

(Continued in next column)

**White Pre-Cut Pieces On A Roll - 1/32" Thick**

Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470124	1/32	3/4	6	2000
470125	1/32	3/4	7	2000
470126	1/32	3/4	8	2000
470127	1/32	3/4	9	2000
470128	1/32	3/4	10	1500
470130	1/32	3/4	12	1500
470133	1/32	3/4	15	1500
470135	1/32	3/4	17	1000
470138	1/32	3/4	20	750
470006	1/32	1	1	10000
470040	1/32	1	1	20000
472758	1/32	1	1-1/2	7500
470007	1/32	1	2	6300
472759	1/32	1	2-1/2	5000
470008	1/32	1	3	4000
472760	1/32	1	3-1/2	3000
470029	1/32	1	4	2500
472761	1/32	1	4-1/2	2000
470144	1/32	1	5	2000
472762	1/32	1	5-1/2	2000
470145	1/32	1	6	2000
470146	1/32	1	7	1500
470147	1/32	1	8	1500
470148	1/32	1	9	1500
470149	1/32	1	10	1000
470150	1/32	1	11	1000
470151	1/32	1	12	1000
470152	1/32	1	13	1000
470153	1/32	1	14	750
470154	1/32	1	15	750
470155	1/32	1	16	750
470156	1/32	1	17	750
470157	1/32	1	18	750
470158	1/32	1	19	500
470159	1/32	1	20	500
472773	1/32	1	24	500
472776	1/32	1-1/2	1-1/2	5000
470165	1/32	2	2	2000
474789	1/32	2	3	1500
475369	1/32	2	4	1500
472777	1/32	3	3	1500



## White Twin Stick® Foam Tape (continued)

White Pre-Cut Pieces On A Roll - 1/16" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475187	1/16	3/8	1	10000
470028	1/16	1/2	1/2	10000
470009	1/16	1/2	1	10000
470010	1/16	1/2	2	10000
472779	1/16	1/2	2-1/2	7500
470011	1/16	1/2	3	5000
470012	1/16	1/2	4	5000
470249	1/16	1/2	5	3000
470013	1/16	1/2	6	3000
470251	1/16	1/2	8	2000
470256	1/16	1/2	13	1500
470257	1/16	1/2	14	1500
470259	1/16	1/2	16	1500
470269	1/16	3/4	3/4	10000
470270	1/16	3/4	1	10000
472792	1/16	3/4	1-1/2	7500
470014	1/16	3/4	2	5000
472793	1/16	3/4	2-1/2	4000
500739	1/16	3/4	2-3/4	5000
470015	1/16	3/4	3	2500
470271	1/16	3/4	4	2500
472795	1/16	3/4	4-1/2	2000
470272	1/16	3/4	5	2000
470273	1/16	3/4	6	2000
470275	1/16	3/4	8	2000
470286	1/16	3/4	19	750
470016	1/16	1	1	10000
470038	1/16	1	1	20000
472806	1/16	1	1-1/2	7500

White Pre-Cut Pieces On A Roll - 1/16" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
475527	1/16	1	2	10000
475628	1/16	1	3	1000
470018	1/16	1	3	2500
470041	1/16	1	3	5000
472808	1/16	1	3-1/2	2500
470019	1/16	1	4	2500
470293	1/16	1	5	2000
470294	1/16	1	6	2000
470295	1/16	1	7	1500
470296	1/16	1	8	1500
470297	1/16	1	9	1000
470298	1/16	1	10	1000
470299	1/16	1	11	1000
470300	1/16	1	12	1000
470301	1/16	1	13	750
470302	1/16	1	14	750
470303	1/16	1	15	750
470304	1/16	1	16	750
470305	1/16	1	17	750
470306	1/16	1	18	500
470307	1/16	1	19	500
470308	1/16	1	20	500
470314	1/16	2	2	2000
475339	1/16	2	3	1500
475290	1/16	2	4	1500
472828	1/16	3	3	1000
474708	1/16	4	4	600

White Pre-Cut Pieces On A Roll - 1/8" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
472829	1/8	1/4	1/4	10000
470395	1/8	1/2	1/2	10000
470396	1/8	1/2	3/4	10000
470397	1/8	1/2	1	10000
470398	1/8	1/2	2	7500
470399	1/8	1/2	3	5000
1470400	1/8	1/2	4	5000
470408	1/8	3/4	3/4	5000
470409	1/8	3/4	1	5000
470020	1/8	3/4	2	5000
470410	1/8	3/4	4	1500
470412	1/8	3/4	6	1500
470413	1/8	3/4	7	1500
1470415	1/8	3/4	9	1500
470022	1/8	1	1	6500
470042	1/8	1	1	12000
472838	1/8	1	1-1/2	5000

White Pre-Cut Pieces On A Roll - 1/8" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470023	1/8	1	2	2700
472839	1/8	1	2-1/2	2000
470024	1/8	1	3	2000
470039	1/8	1	3	3000
470025	1/8	1	4	2000
470418	1/8	1	5	1500
470419	1/8	1	6	1000
470420	1/8	1	7	1000
470421	1/8	1	8	1000
470423	1/8	1	10	1000
475336	1/8	1	2-1/2	2000
474569	1/8	1	20	500
475495	1/8	1	21	500
475278	1/8	1-1/2	18	400
472855	1/8	3	3	750
475365	1/8	4	4	400

White Pre-Cut Pieces On A Roll - 3/16" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470034	3/16	1	1	5000
470073	3/16	3/4	3	2000
470476	3/16	1	2	2000
470477	3/16	1	3	1500



White Pre-Cut Pieces On A Roll - 1/4" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
474143	1/4	1/4	1/4	10000
472857	1/4	1/2	1/2	8000
470487	1/4	1/2	1	7500
470488	1/4	1/2	2	3000
474163	1/4	3/4	3/4	5000
470026	1/4	1	1	5000

White Pre-Cut Pieces On A Roll - 1/4" Thick				
Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
472858	1/4	1	1-1/2	3000
470502	1/4	1	2	2300
470033	1/4	1	3	1000
470503	1/4	1	4	1000
470504	1/4	1	5	1000
470505	1/4	1	6	750
470507	1/4	1	8	750



# TWIN STICK® FOAM TAPE

## Black Twin Stick® Foam Tape



### Specifications:

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. In of tape (conditions and variables in applications can produce different stresses and affect holding power)

### Features:

- Available in various pre-cut thicknesses for quick installation
- Securely attaches to surfaces without drilling or mechanical fasteners
- Flexible foam carrier fills gaps, allowing irregular surfaces to be joined
- Aggressive rubber-based adhesive was designed to bond to many different types of surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings

### Black Pre-Cut Pieces On A Roll - 1/32" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470553	1/32	1/2	1	10000
470554	1/32	1/2	2	10000
470555	1/32	1/2	3	5000
470556	1/32	1/2	4	5000
470558	1/32	1/2	6	3000
470562	1/32	1/2	10	2000
470569	1/32	3/4	2	5000
470570	1/32	3/4	3	5000
470573	1/32	3/4	6	2000
470518	1/32	1	1	20000

(Continued in next column)

### Black Pre-Cut Pieces On A Roll - 1/32" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470583	1/32	1	2	6300
470584	1/32	1	3	4000
470585	1/32	1	4	2500
470586	1/32	1	5	2000
470587	1/32	1	6	2000
470589	1/32	1	8	1500
470591	1/32	1	10	1000
470593	1/32	1	12	1000
470594	1/32	1	13	1000

### Black Pre-Cut Pieces On A Roll - 1/16" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470636	1/16	1/2	8	2000
470639	1/16	3/4	1	10000
470512	1/16	1	1	10000
470644	1/16	1	2	5000

(Continued in next column)

### Black Pre-Cut Pieces On A Roll - 1/16" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470513	1/16	1	3	2500
470645	1/16	1	4	2500
470647	1/16	1	6	2000
470649	1/16	1	8	1500

### Black Pre-Cut Pieces On A Roll - 1/8" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470686	1/8	1/2	1	10000
475498	1/8	3/4	1-1/2	5000
470704	1/8	3/4	9	1500
470706	1/8	1	1	6500
470514	1/8	1	2	2700
470708	1/8	1	3	2000

(Continued in next column)

### Black Pre-Cut Pieces On A Roll - 1/8" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470709	1/8	1	4	2000
470711	1/8	1	6	1000
470712	1/8	1	7	1000
470713	1/8	1	8	1000
474413	1/8	1	11	1000
474306	1/8	2	2	2000

### Black Pre-Cut Pieces On A Roll - 1/4" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
475826	1/4	1/2	2	3000
502308	1/4	1/2	5	1500
502320	1/4	1	1	5000

(Continued in next column)

### Black Pre-Cut Pieces On A Roll - 1/4" Thick

	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
502321	1/4	1	2	2300
502323	1/4	1	3	1000



## Twin Stick® Foam Tape Pads



## Specifications:

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. In of tape (conditions and variables in applications can produce different stresses and affect holding power)

## Features:

- Pads are great for kits or when a job calls for smaller quantities
- Securely attaches to surfaces without drilling or mechanical fasteners
- Flexible foam carrier fills gaps, allowing irregular surfaces to be joined
- Aggressive rubber-based adhesive was designed to bond to many different types of surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings

## White Pre-Cut Pieces In A Pad - 1/32" Thick

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
470166	1/32	1/2	1/2	10	7500
470168	1/32	1/2	1	10	7500
470169	1/32	1/2	2	10	4000
470170	1/32	1/2	3	10	2500
470171	1/32	1/2	4	10	2000
470173	1/32	1/2	6	10	1500
470195	1/32	3/4	2	10	2500
500400	1/32	3/4	3	1	10000
470203	1/32	3/4	10	2	500
475024	1/32	1	1	1	5000
470219	1/32	1	1	10	4000
470220	1/32	1	2	10	2000

(Continued in next column)

## White Pre-Cut Pieces In A Pad - 1/32" Thick

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
475107	1/32	1	3	1	3000
470221	1/32	1	3	10	1250
475165	1/32	1	4	2	2500
470222	1/32	1	4	10	1000
470223	1/32	1	5	5	750
470224	1/32	1	6	5	600
470239	1/32	1	21	2	170
470241	1/32	1	23	2	1800
470242	1/32	1	24	2	170
470244	1/32	2	2	4	900

## White Pre-Cut Pieces On A Roll - 1/16" Thick

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
501060	1/16	1/2	2-1/2	2	25000
501630	1/16	3/4	3/4	4	10000
501138	1/16	1	1	2	20000
470368	1/16	1	1	10	4000
470369	1/16	1	2	10	2000
470370	1/16	1	3	10	1250

(Continued in next column)

## White Pre-Cut Pieces On A Roll - 1/16" Thick

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
470371	1/16	1	4	10	1000
470377	1/16	1	10	2	400
470390	1/16	1	23	2	170
500077	1/16	1-1/2	1-1/2	1	19250
470393	1/16	2	2	4	900
475836	1/16	8-1/2	11	1	200

## White Pre-Cut Pieces In A Pad - 3/16"

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
473465	3/16	1/2	1-1/2	10	8400

## Black Pre-Cut Pieces In A Pad - 1/32" Thick

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
470619	1/32	1	1	10	4000
470621	1/32	1	3	10	1250

## White Pre-Cut Pieces In A Pad - 1/8" Thick

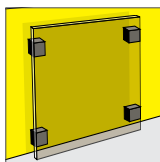
Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
470427	1/8	1/2	1	10	6000
470450	1/8	1	1	10	3000
470451	1/8	1	2	10	1500
470452	1/8	1	3	10	1000
470453	1/8	1	4	10	750
470455	1/8	1	6	5	500

## White Pre-Cut Pieces In A Pad - 1/4"

Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
474191	1/4	3/4	2-3/4	1	6000
470510	1/4	1	1	10	2200
470511	1/4	1	3	10	780

**TWIN STICK® DIAMETERS and THICK TWIN STICK® FOAM TAPE****Twin Stick® Foam Tape Diameters****White Diameters On A Roll**

Item No.	Thickness	Width	Pieces/Roll	Pieces/Carton
	in	in		
472715	1/32	1/2	5000	10000
475829	1/32	3/8	10000	20000
472718	1/32	3/4	4000	8000
472721	1/32	1	3000	6000
472724	1/32	1-1/4	2000	4000
502335	1/32	1-1/2	2000	4000
502436	1/16	3/8	10000	20000
472716	1/16	1/2	5000	10000
472719	1/16	3/4	4000	8000
472722	1/16	1	3000	6000
502336	1/16	1-1/2	2000	4000
472717	1/8	1/2	3000	6000

**Thick Twin Stick® Foam Blocks****Specifications:**

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. In of tape (conditions and variables in applications can produce different stresses and affect holding power)

**Features:**

- Diameters provide the best coverage for applications with rounded edges
- Securely attaches to surfaces without drilling or mechanical fasteners
- Flexible foam carrier fills gaps, allowing irregular surfaces to be joined
- Aggressive rubber-based adhesive was designed to bond to many different types of surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings

**Black Diameters On A Roll**

Item No.	Thickness	Width	Pieces/Roll	Pieces/Carton
	in	in		
502432	1/32	1/2	5000	10000
502440	1/32	3/4	4000	8000

**Specifications:**

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Color: White or Black
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

**Features:**

- Foam blocks with permanent adhesive on both sides to create a lasting 3-D effect
- Bonds to various surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings
- Applications: For lightweight applications or filling gaps, adds 3-D effects

**White Pre-Cut Pieces On A Roll**

Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
472859	3/8	1	1	4000
472860	3/8	1	2	2000
472861	3/8	1	3	1100
472865	1/2	1/2	1	5000
470030	1/2	1	1	3000
470044	1/2	1	2	1800
470032	1/2	1	3	1200
470047	1/2	2	2	900
470049	1/2	3	3	300

**Black Pre-Cut Pieces On A Roll**

Item No.	Thickness	Width	Length	Pieces/Roll
	in	in	in	
470515	1/2	1	1	3000
470523	1/2	1	3	1200



# THICK TWIN STICK® FOAM TAPE

## Thick Twin Stick® Foam Blocks



**Specifications:**

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Color: White or Black
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

**Features:**

- Foam blocks with permanent adhesive on both sides to create a lasting 3-D effect
- Bonds to various surfaces including corrugate, chipboard, wood, low surface energy plastics, powder coated materials, UV coatings
- Use black thick Twin Stick® on dark backgrounds
- Place foam blocks 1"-2" from the edge of dimensional graphics to create a clean 3-D effect
- Applications: For lightweight applications or filling gaps, adds 3-D effects

**White Pre-Cut Pieces In A Pad**

Item No.	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
	in	in	in		
470043	1/2	1	1	12	2400
470045	1/2	1	2	10	1000
470046	1/2	1	3	4	800
470048	1/2	2	2	4	600
472866	3/4	3/4	1	24	2400
470037	3/4	1	1	36	4320
470051	3/4	1	2	18	3600
470052	3/4	1	3	12	1800
470053	3/4	2	2	9	1800
470035	1	1	1	36	2520
470036	1	1	1	36	6012
470055	1	1	2	18	2898
470056	1	1	3	12	1440

(Continued in next column)

**White Pre-Cut Pieces In A Pad**

Item No.	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
	in	in	in		
472864	1	1	4	20	2000
470057	1	1	6	6	1002
470058	1	1	9	1	660
470059	1	1	12	1	520
470060	1	2	2	9	1440
470061	1	3	3	4	600
470062	1-1/4	1	1	36	4608
470064	1-1/4	1	3	12	1200
470065	1-1/2	1	1	36	3420
470067	1-1/2	1	3	12	900
470068	1-1/2	1-1/2	1-1/2	12	1440
470069	1-3/4	1-1/2	1-1/2	12	1200
470070	2	1-1/2	1-1/2	12	1200
470071	2	2	2	1	840

**Black Pre-Cut Pieces In A Pad**

Item No.	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
	in	in	in		
470520	1/2	1	1	12	2400
470522	1/2	1	2	10	1000
470524	1/2	1	3	4	800
470529	3/4	1	1	36	4320
470530	3/4	1	2	18	3600
470519	1	1	1	36	2520
470516	1	1	1	36	6012
470534	1	1	2	18	2898
470535	1	1	3	12	1440
470539	1	2	2	9	1440
470540	1	3	3	4	600
470544	1-1/2	1	1	36	3420
470547	1-1/2	1-1/2	1-1/2	12	1440
470549	2	1-1/2	1-1/2	12	1200
470550	2	2	2	1	840

# CABLE TIES

Millions  
In Stock  
Ready for  
Same Day  
Shipping



# DUBL KOTE® FOAM TAPE

## Dubl Kote® Foam Tape



### Specifications:

- Adhesive: Rubber-based permanent on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F
- Holding Power: 1 lb. per 1 sq. inch of tape (variable in applications can produce different stresses and affect holding power)

### Features:

- Versatile double-sided foam tape ideal for hand or automatic application
- Flexible for filling spaces and conformable for joining irregular spaces
- Rubber-based adhesive that is "quick-stick" with extremely aggressive tack and high shear strength
- Designed to bond to many different types of surfaces including corrugate, chipboard, wood, plastics including low surface energy, powder coated materials, glass

White Short Rolls - 1 1/2" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
471365	1/32	1/2	30	72
502613	1/32	1/2	54	180
501737	1/32	1/2	108	80
471366	1/32	3/4	30	45
471367	1/32	1	30	36

(Continued in next column)

White Short Rolls - 1 1/2" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
471369	1/16	3/4	30	25
500931	1/16	3/4	108	13
471370	1/16	1	30	20
500930	1/16	1	108	10

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
475845	1/32	3/16	216	64
471355	1/32	1/4	216	48
472230	1/32	1/4	216	12
471346	1/32	3/8	216	32
472231	1/32	3/8	216	12
471339	1/32	1/2	216	24
472232	1/32	1/2	216	12
471340	1/32	3/4	216	16
500595	1/32	21/32	216	19
501699	1/32	11/16	216	18
471341	1/32	1	216	12
473607	1/32	1-1/4	216	10
471374	1/32	1-1/2	216	8
471375	1/32	2	216	6
473618	1/32	2-1/2	216	5
473617	1/32	3-1/2	216	5
473626	1/32	13-1/2	216	1
502626	1/32	23	216	1
473608	1/32	24	216	1
473613	1/32	27	216	1
501918	1/32	28	216	1
471377	1/16	1/4	216	48
472229	1/16	1/4	216	12
471342	1/16	1/2	216	24
472233	1/16	1/2	216	12

(Continued in next column)

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
473594	1/16	3/8	216	32
471343	1/16	3/4	216	16
471344	1/16	1	216	12
473609	1/16	1-3/8	216	9
471356	1/16	1-1/2	216	8
475542	1/16	1-5/8	216	7
471378	1/16	2	216	6
471379	1/16	3	216	4
473610	1/16	10	216	1
473625	1/16	24	216	1
471357	1/8	1/2	108	24
472234	1/8	1/2	108	12
472870	1/8	5/8	108	19
471345	1/8	3/4	108	16
471353	1/8	1	108	12
471380	1/8	2	108	6
471381	1/8	3	108	4
501917	1/8	3-1/2	108	7
471382	3/16	1/2	75	20
471384	3/16	1	75	10
471385	1/4	1/2	50	20
471386	1/4	3/4	50	13
471387	1/4	1	50	10

Black Short Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
501260	1/32	48	108	1

Black Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
473675	1/32	3/16	216	64
471400	1/32	1/4	216	48
472221	1/32	1/4	216	12
471397	1/32	3/8	216	32
472225	1/32	3/8	216	12
471394	1/32	1/2	216	24
472223	1/32	1/2	216	12
471395	1/32	3/4	216	16
471399	1/32	1	216	12
473674	1/32	1-1/4	216	10
471401	1/32	1-1/2	216	8
471402	1/32	2	216	6
473681	1/32	2-1/2	216	5
471403	1/32	3	216	4

(Continued in next column)

Black Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
472874	1/32	12	216	1
473685	1/32	13-1/2	216	1
471406	1/16	1/4	216	48
472222	1/16	1/4	216	12
473671	1/16	3/8	216	32
471396	1/16	1/2	216	24
472224	1/16	1/2	216	12
471407	1/16	3/4	216	16
471408	1/16	1	216	12
471409	1/16	1-1/2	216	8
471410	1/16	2	216	6
471415	1/8	1/2	108	24
471416	1/8	3/4	108	16
471417	1/8	1	108	12
472876	1/8	1-1/2	108	8



Dubl Kote® Foam Tape (continued)

White Long Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
473650	1/32	1/4	432	24
471350	1/32	3/8	900	20
502375	1/32	15/32	1050	16
471363	1/32	1/2	1050	16
471358	1/32	1/2	1500	9
472880	1/32	5/8	1050	13
502504	1/32	23/32	1050	11
476057	1/32	3/4	1050	11
471360	1/32	3/4	1500	7
476058	1/32	1	1050	8
471359	1/32	1	1500	5
473635	1/32	1-1/4	900	6
501081	1/32	1-3/8	900	5
501334	1/32	1-3/4	900	4
473648	1/32	2	900	3
473632	1/16	3/8	450	32
471347	1/16	1/2	450	24
471362	1/16	1/2	750	10
471348	1/16	3/4	450	16
471349	1/16	1	450	12
471361	1/16	1	750	5
472877	1/8	1/2	300	11
472879	1/8	1	300	5
472881	1/4	1	100	7
472882	1/4	2	100	3



Longest rolls in the industry with 1/4" and 1/8" thickness

Black Long Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
473716	1/32	3/8	450	24
473677	1/32	3/8	900	20
471398	1/32	1/2	900	16
500661	1/32	5/8	450	16

(Continued in next column)

Black Long Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
471404	1/32	3/4	1050	11
471405	1/32	1	1050	8
471412	1/16	1/2	450	24
471413	1/16	3/4	450	16
471414	1/16	1	450	12

Dubl Kote® Acrylic Foam Tape



Specifications:

- Adhesive: Acrylic-based permanent on both sides, identified with black printed liner
- Color: White or Black, see table
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

Features:

- Versatile double-sided foam tape ideal for hand or automatic application
- Flexible for filling spaces
- Conformable for joining irregular spaces
- Gradual adhesion build up
- UV and Plasticizer resistant

White Standard Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472595	1/32	1/4	216	12
472597	1/32	3/8	216	12
472599	1/32	1/2	216	12
472600	1/32	1/2	216	24
472601	1/32	3/4	216	16
472602	1/32	1	216	12
472606	1/16	1/4	216	12

(Continued in next column)

White Standard Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472607	1/16	1/4	216	48
472608	1/16	1/2	216	12
472610	1/16	3/4	216	16
472611	1/16	1	216	12
472613	1/16	2	216	6
472615	1/8	1/2	108	12
472618	1/8	1	108	12

White Long Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472623	1/32	1/2	1050	16
472624	1/32	1/2	1500	9
472628	1/32	1	1500	5

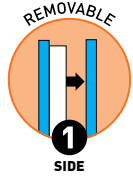
Black Standard Rolls - 3" Diameter Core				
Item No.	Thickness	Width	Length	Rolls/Carton
	in	in	ft	
472634	1/32	1/2	216	24
472635	1/32	3/4	216	16
472636	1/32	1	216	12
472637	1/16	1/2	216	24
472639	1/16	1	216	12





# REMO ONE® FOAM TAPE

## Remo One® Foam Tape Pads



### Specifications:

- Adhesive: permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive
- Holding Power: 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one time use

### Features:

- Removes cleanly from most hard, non-delaminating surfaces even after an extended period
- Pads are great to include in kits with temporary signs

### White Pre-Cut Pieces In A Pad - 1/32" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
473926	1/32	1/2	1/2	10	50000
470812	1/32	1/2	1	10	7500
470813	1/32	1/2	2	10	4000
470814	1/32	1/2	3	10	2500
470815	1/32	1/2	4	10	2000
470820	1/32	3/4	3	10	1750

(Continued in next column)

### White Pre-Cut Pieces In A Pad - 1/32" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470824	1/32	1	1	10	4000
470825	1/32	1	2	10	2000
470826	1/32	1	3	10	1250
470827	1/32	1	4	10	1000
470828	1/32	1	5	5	750
470829	1/32	1	10	2	400

### White Pre-Cut Pieces In A Pad - 1/16" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470844	1/16	1/2	1	10	7500
470845	1/16	1/2	2	10	4000
470846	1/16	1/2	3	10	2500
470849	1/16	1/2	10	2	750
470850	1/16	3/4	1	10	5000
470851	1/16	3/4	2	10	2500

(Continued in next column)

### White Pre-Cut Pieces In A Pad - 1/16" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470856	1/16	1	1	10	4000
470857	1/16	1	2	10	2000
470858	1/16	1	3	10	1250
470859	1/16	1	4	10	1000
470860	1/16	1	5	5	750
470861	1/16	1	10	2	400

### White Pre-Cut Pieces In A Pad - 1/8" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470884	1/8	1	1	10	3000
473910	1/8	1	1	8	22000

(Continued in next column)

### White Pre-Cut Pieces In A Pad - 1/8" Thick

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470886	1/8	1	3	10	1000
473956	3/16	1/2	1	6	10000

### Black Pre-Cut Pieces In A Pad

	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
471004	1/16	1	1	10	4000

## White Remo One® Foam Tape Diameters



### Specifications:

- Adhesive: permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive
- Holding Power: 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one time use

### Features:

- Removes cleanly from most hard, non-delaminating surfaces even after an extended period
- Diameters are perfect for applications with rounded edges

### White Pre-Cut Diameters On A Roll

	Thickness	Diameter	Pieces/ Roll	Pieces/ Carton
Item No.	in	in		
502457	1/32	1/2	5000	10000
502445	1/32	3/4	4000	8000
475837	1/32	1	3000	6000

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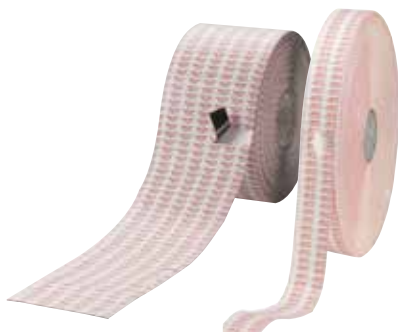
### White Pre-Cut Diameters On A Roll

	Thickness	Diameter	Pieces/ Roll	Pieces/ Carton
Item No.	in	in		
502452	1/16	1/2	5000	10000
475839	1/16	1	3000	6000
502137	1/8	1-1/2	1500	3000



# REMO ONE® FOAM TAPE

## Remo One® Foam Tape



Removes cleanly with no residue



### Specifications:

- Adhesive: permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive
- Holding Power: 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one time use

### Features:

- Aggressive permanent adhesive on one side and removable adhesive on the other
- Removes cleanly from most hard, non-delaminating surfaces even after an extended period

White Pre-Cut Pieces On A Roll - 1/32" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
473847	1/32	1/2	1/2	10000
470797	1/32	1/2	1	10000
473863	1/32	1/2	1-1/2	10000
470798	1/32	1/2	2	10000
470799	1/32	1/2	3	5000
470800	1/32	1/2	4	5000
470801	1/32	1/2	5	3000
472892	1/32	1/2	6	3000
472894	1/32	1/2	8	2500
470802	1/32	1/2	10	2000
473855	1/32	3/4	3/4	10000
470803	1/32	3/4	1	10000
470804	1/32	3/4	2	5000
470805	1/32	3/4	3	5000
470806	1/32	3/4	4	2500

(Continued in next column)

White Pre-Cut Pieces On A Roll - 1/32" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
470807	1/32	3/4	5	2000
472896	1/32	3/4	6	2000
472897	1/32	3/4	7	2000
472899	1/32	3/4	9	1500
470808	1/32	3/4	10	1500
470754	1/32	1	1	6000
470748	1/32	1	2	6000
470755	1/32	1	3	2500
470809	1/32	1	4	2500
470810	1/32	1	5	2000
472900	1/32	1	6	2000
472901	1/32	1	7	1500
472902	1/32	1	8	1500
472903	1/32	1	9	1000
470811	1/32	1	10	1000

White Pre-Cut Pieces On A Roll - 1/16" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
473778	1/16	1/2	1/2	10000
470830	1/16	1/2	1	10000
470831	1/16	1/2	2	10000
470832	1/16	1/2	3	5000
470833	1/16	1/2	4	5000
470834	1/16	1/2	5	3000
472904	1/16	1/2	6	3000
472905	1/16	1/2	7	2500
473851	1/16	3/4	3/4	10000
470836	1/16	3/4	1	10000
470837	1/16	3/4	2	5000
470838	1/16	3/4	3	2500
470839	1/16	3/4	4	2500

(Continued in next column)

White Pre-Cut Pieces On A Roll - 1/16" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
470840	1/16	3/4	5	2000
472908	1/16	3/4	6	2000
470749	1/16	1	1	5000
473862	1/16	1	1-1/2	7500
470750	1/16	1	2	5000
470751	1/16	1	3	2500
470756	1/16	1	4	2000
470842	1/16	1	5	2000
472912	1/16	1	6	2000
472913	1/16	1	7	1500
472914	1/16	1	8	1500
472915	1/16	1	9	1000
470843	1/16	1	10	1000

White Pre-Cut Pieces On A Roll - 1/8" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
470864	1/8	1/2	3	5000
470757	1/8	1	1	5000
470752	1/8	1	2	2500
470753	1/8	1	3	2000
470872	1/8	1	4	2000
470873	1/8	1	5	1500
472924	1/8	1	6	1500
472925	1/8	1	7	1500
472926	1/8	1	8	1000

White Pre-Cut Pieces On A Roll - 1/4" Thick				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
475844	1/4	1/2	1	7500
472928	1/4	1	1	5000
475502	1/4	1	2	2300
502131	1/4	1	3	1000

Black Pre-Cut Pieces On A Roll				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
470952	1/32	1	3	2500
473722	1/32	1	5	4000

(Continued in next column)

Black Pre-Cut Pieces On A Roll				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/Carton
470986	1/16	1	1	5000
470988	1/16	1	3	2500
471020	1/8	1	1	6500



# REMO ONE® FOAM TAPE

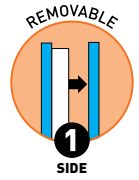
## Remo One® Foam Tape Rolls

### Specifications:

- Adhesive: permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive
- Holding Power: 1/2 lb. per sq. in. of tape (conditions and variables in applications can produce different stresses and affect holding power)
- Intended for one time use

### Features:

- Removes cleanly from most hard, non-delaminating surfaces even after an extended period



White Short Rolls - 1/2" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471444	1/32	1/2	30	72
471446	1/32	1	30	36
471449	1/16	1	30	20

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471435	1/32	1/2	216	24
472226	1/32	1/2	216	12
471439	1/32	3/4	216	16
471436	1/32	1	216	12
471437	1/16	1/2	216	24
472227	1/16	1/2	216	12

(Continued in next column)

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471440	1/16	3/4	216	16
471438	1/16	1	216	12
471441	1/8	1/2	108	24
471442	1/8	3/4	108	16
471443	1/8	1	108	12

White Long Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
472883	1/32	1/2	900	16
472884	1/16	1/2	450	24

Black Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471453	1/32	1/2	216	12
471454	1/32	1	216	12

(Continued in next column)

Black Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471455	1/16	1/2	216	12
471456	1/16	1	216	12

## Thick Remo One® Foam Blocks

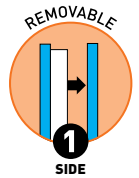


### Specifications:

- Adhesive: Permanent rubber-based on one side, removable adhesive on mounting side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

### Features:

- Removable foam blocks can create 3-D effects
- Intended for one-time use



White Pre-Cut Pieces On A Roll				
	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470758	1/2	1	1	3000
470760	1/2	1	2	1800
470762	1/2	1	3	1200

Black Pre-Cut Pieces On A Roll				
	Thickness	Width	Length	
Item No.	in	in	in	Pieces/Roll
470889	1/2	1	1	3000

White Pre-Cut Pieces In A Pad					
	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470759	1/2	1	1	12	2400
470773	1	1	1	36	6012
470775	1	1	3	12	1440

Black Pre-Cut Pieces In A Pad					
	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	in		
470890	1/2	1	1	12	2400
470914	1-1/2	1	3	12	900



# REMO TWO® FOAM TAPE

## White Remo Two® Foam Tape

**Specifications:**

- Adhesive: Removable adhesive on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

**Features:**

- Double-sided adhesive foam tape with removable adhesive on both sides
- Removes cleanly from most hard, non-delaminating surfaces even after extended periods of time and leaves no residue



White Pre-Cut Pieces On A Roll - 1/32" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
471089	1/32	1/2	1	10000
471090	1/32	1/2	2	10000
471091	1/32	1/2	3	5000
471093	1/32	1/2	5	3000
471095	1/32	3/4	1	10000

(Continued in next column)

White Pre-Cut Pieces On A Roll - 1/32" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
471097	1/32	3/4	3	5000
471101	1/32	1	1	6000
471102	1/32	1	2	6000
471103	1/32	1	3	2500
471104	1/32	1	4	2500
471105	1/32	1	5	2000

White Pre-Cut Pieces On A Roll - 1/16" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
471125	1/16	1/2	1	10000
471126	1/16	1/2	2	10000
471127	1/16	1/2	3	5000
471132	1/16	3/4	2	5000
471133	1/16	3/4	3	2500

(Continued in next column)

White Pre-Cut Pieces On A Roll - 1/16" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
471135	1/16	3/4	5	2000
471040	1/16	1	1	5000
471137	1/16	1	2	5000
471041	1/16	1	3	2500
471138	1/16	1	4	2000
471139	1/16	1	5	2000
471140	1/16	1	10	1000

White Pre-Cut Pieces On A Roll - 1/8" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
471042	1/8	1	1	5000
471169	1/8	1	2	2700
471170	1/8	1	3	2000

White Pre-Cut Pieces On A Roll - 1/4" Thick				
	Thickness	Width	Length	Pieces/ Roll
Item No.	in	in	ft	
472887	1/4	1	1	5000

## White Remo Two® Foam Tape Pads

**Specifications:**

- Adhesive: Removable adhesive on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

**Features:**

- Double-sided adhesive foam tape with removable adhesive on both sides
- Removes cleanly from most hard, non-delaminating surfaces even after extended periods of time and leaves no residue



White Pre-Cut Pieces In A Pad					
	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	ft		
471107	1/32	1/2	1	10	7500
471108	1/32	1/2	2	10	4000
471111	1/32	1/2	5	10	1500
471113	1/32	3/4	1	10	5000
471119	1/32	1	1	10	4000
471120	1/32	1	2	10	2000
471121	1/32	1	3	10	1250
471152	1/16	3/4	10	2	500

(Continued in next column)

White Pre-Cut Pieces In A Pad					
	Thickness	Width	Length	Pieces/ Pad	Pieces/ Carton
Item No.	in	in	ft		
471153	1/16	1	1	10	4000
471154	1/16	1	2	10	2000
471155	1/16	1	3	10	1250
471156	1/16	1	4	10	1000
471158	1/16	1	10	2	400
471183	1/8	1	1	10	3000
471184	1/8	1	2	10	1500
471185	1/8	1	3	10	1000

**REMO TWO® FOAM TAPE****Remo Two® Foam Tape Rolls**

## Specifications:

- Adhesive: Removable adhesive on both sides (not recommended in applications with direct UV exposure)
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

## Features:

- Double-sided adhesive foam tape with removable adhesive on both sides
- Removes cleanly from most hard, non-delaminating surfaces even after extended periods of time and leaves no residue



White Short Rolls - 1½" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471476	1/32	1	30	36
471477	1/16	1/2	30	40

(Continued in next column)

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471465	1/32	1/2	216	12
471466	1/32	3/4	216	16
471467	1/32	1	216	12
471468	1/16	1/2	216	12

(Continued in next column)

White Short Rolls - 1½" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471478	1/16	3/4	30	25
471479	1/16	1	30	20

White Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471469	1/16	3/4	216	16
471470	1/16	1	216	12
471471	1/8	1/2	108	12
471472	1/8	3/4	108	16
471473	1/8	1	108	12

Black Standard Rolls - 3" Diameter Core				
	Thickness	Width	Length	
Item No.	in	in	ft	Rolls/ Carton
471485	1/16	1/2	216	12
471486	1/16	1	216	12
471488	1/8	1	108	12

**Remo Two® Clear Foam Tape**

## Specifications:

- Adhesive: Removable acrylic-based adhesive on both sides
- Color: Clear
- Application Temperature: 65°F to 100°F
- Service Temperature: 40°F to 175°F

## Features:

- Double-sided clear tape with removable adhesive on both sides
- Removes cleanly from most hard, non-delaminating surfaces



Clear Rolls			
	Thickness	Width	Length
Item No.	in	in	ft
477180	1/32	1/2	216
477181	1/32	3/4	216
477182	1/32	1	216

Pre-Cut Pieces On A Roll				
	Thickness	Width	Length	
Item No.	in	in	in	Pieces/ Roll
477183	1/32	1	1	1250
477184	1/32	1	2	1250
477185	1/32	1	3	1000
477186	1/32	1	4	1000



# THICK REMO TWO® FOAM BLOCKS

## White Thick Remo Two® Foam Blocks

Specifications:

- Adhesive: Removable on both sides
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

Features:

- Double-sided adhesive foam block to create 3-D effects
- Removable adhesive lifts cleanly from most hard non-delaminating surfaces even after extended periods of time

White Pre-Cut Pieces On A Roll				
Item No.	Thickness in	Width in	Length in	Pieces/ Roll
471043	1/2	1	1	3000

White Pre-Cut Pieces In A Pad					
Item No.	Thickness in	Width in	Length in	Pieces/ Pad	Pieces/ Carton
471044	1/2	1	1	12	2400

White Individual Pieces				
Item No.	Thickness in	Width in	Length in	Pieces/ Carton
471053	3/4	1	1	4320
471058	1	1	1	6012

(Continued in next column)



White Individual Pieces				
Item No.	Thickness in	Width in	Length in	Pieces/ Carton
471066	1-1/2	1	1	3420
471072	2	2	2	840

## Black Thick Remo Two® Foam Blocks

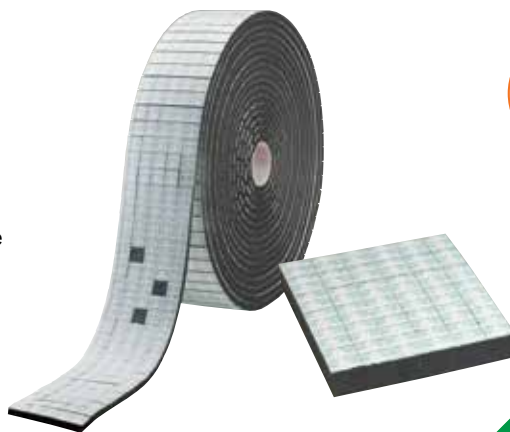
Specifications:

- Adhesive: Removable on both sides
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F rubber-based and removable adhesive

Features:

- Double-sided adhesive foam block to create 3-D effects
- Removable adhesive lifts cleanly from most hard non-delaminating surfaces even after extended periods of time
- Use black foam blocks on dark backgrounds for a clean look

Black Pre-Cut Pieces On A Roll				
Item No.	Thickness in	Width in	Length in	Pieces/ Roll
471188	1/2	1	1	3000



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## FILM TAPE

## Red Film Tapes

## Specifications:

- Adhesive: Modified acrylic
- Color: Clear
- Thickness: 8 mil (adhesive with carrier)
- Application Temperature: 65°F to 100°F
- Service Temperature: -14°F to 300°F

## Features:

- High performance, clear, double sided tapes designed for hard to stick applications
- Strong plasticizer resistance
- Tolerates high temperature applications and sticks well to UV coatings
- Clarity keeps graphics sharp and readable - no yellow or foggy appearance
- Pre-cut pieces to save time with hand applications
- Rolls up to 750 ft length for automatic applications



## Clear Pre-Cut Pieces On A Roll - 3" Core Diameter

Item No.	Width	Length	Pieces/ Roll	Pieces/ Carton
	in	in		
476657	1/2	1	7500	15000
476658	1/2	2	5000	10000
476659	1/2	3	2500	5000
476660	1/2	4	2500	5000
476661	1/2	5	1500	3000
476662	3/4	1	5000	10000
476663	3/4	2	2500	5000
476664	3/4	3	2500	5000

(Continued in next column)

## Clear Pre-Cut Pieces On A Roll - 3" Core Diameter

Item No.	Width	Length	Pieces/ Roll	Pieces/ Carton
	in	in		
476665	3/4	4	1250	2500
476666	3/4	5	1000	2000
476667	1	1	5000	10000
476668	1	2	2500	5000
476669	1	3	2000	4000
476670	1	4	1250	2500
476671	1	5	1000	2000

## Standard Rolls - 3" Core Diameter

Item No.	Width	Length	Rolls/ Carton
	in	ft	
476647	3/8	180	64
476648	1/2	180	48
476649	3/4	180	32

(Continued in next column)

## Standard Rolls - 3" Core Diameter

Item No.	Width	Length	Rolls/ Carton
	in	ft	
476650	1	180	24
476651	2	180	12
476652	3	180	8

## Long Rolls - 3" Core Diameter

Item No.	Width	Length	Rolls/ Carton
	in	ft	
476653	3/8	750	14
476654	1/2	750	12

(Continued in next column)

## Long Rolls - 3" Core Diameter

Item No.	Width	Length	Rolls/ Carton
	in	ft	
476655	3/4	750	9
476656	1	750	6

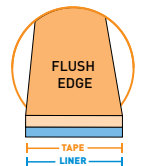
## Gold 9970 Film Tape

## Specifications:

- Adhesive: Acrylic-based permanent on both sides
- Backing: PVC film
- Color: White
- Thickness: 9 mils
- Application Temperature: 65°F to 100°F
- Service Temperature: 14°F to 176°F

## Features:

- PVC film carrier double-sided tape with excellent adhesion properties
- Works well on textured or irregular surfaces due to extra thickness of film
- Conformable and thinner than foam



## Standard Rolls

Item No.	Width	Length	Roll Diameter	Rolls/ Carton
	in	ft	In	
476017	3/8	180	6-5/8	48
476018	1/2	180	6-5/8	36

(Continued in next column)

## Standard Rolls

Item No.	Width	Length	Roll Diameter	Rolls/ Carton
	in	ft	In	
476019	3/4	180	6-5/8	24
476020	1	180	6-5/8	18
476021	2	180	6-5/8	9



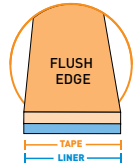
**Gold 9970 Film Tape** (continued)

Specifications:

- Adhesive: Acrylic-based permanent on both sides
- Backing: PVC film
- Color: White
- Thickness: 9 mils
- Application Temperature: 65°F to 100°F
- Service Temperature: 14°F to 176°F

Features:

- PVC film carrier double-sided tape with excellent adhesion properties
- Works well on textured or irregular surfaces due to extra thickness of film
- Conformable and thinner than foam



Long Rolls				
Item No.	Width	Length	Roll Diameter	Rolls/ Carton
	in	in	in	
476024	3/4	750	12-1/4	8
476025	1	750	12-1/4	6

Pre-Cut Pieces On A Roll				
Item No.	Width	Length	Roll Diameter	Rolls/ Carton
	in	ft	in	
476026	1/2	1	7500	15000
476033	3/4	3	2500	5000
476040	1	5	1000	2000

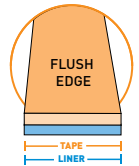
**DK Film® Tape Rolls**

Specifications:

- Adhesive: Rubber-based permanent on both sides (not recommended for direct UV exposure)
- Application Temperature: 40°F to 90°F
- Service Temperature: -20°F to 190°F
- Thickness: 0.5 mil film, 1.25 mil to 2 mil adhesive on each side

Features:

- Provides the tack of permanent rubber-based adhesive without the thickness of foam
- Good initial tack "Quick-Stick"
- Two available thicknesses allow for greater flexibility in your application
- Rolls up to 3000 feet in length are designed to improve efficiencies in automatic applications



Standard Rolls					
Item No.	Adhesive + Carrier mil	Width	Length	Roll Diameter	Rolls/ Carton
		in	ft	in	
473013	3.0	1/2	180	5-3/4	48
473014	3.0	3/4	180	5-3/4	32
473015	3.0	1	180	5-3/4	24
473016	3.0	2	180	5-3/4	12
472885	4.5	1/4	180	6-5/8	64
471707	4.5	3/8	180	6-5/8	40

(Continued in next column)

Standard Rolls					
Item No.	Adhesive + Carrier mil	Width	Length	Roll Diameter	Rolls/ Carton
		in	ft	in	
471710	4.5	1/2	180	6-5/8	48
471712	4.5	3/4	180	6-5/8	32
471713	4.5	1	180	6-5/8	24
471715	4.5	2	180	6-5/8	12
471716	4.5	3	180	6-5/8	8
471717	4.5	12	180	6-5/8	4

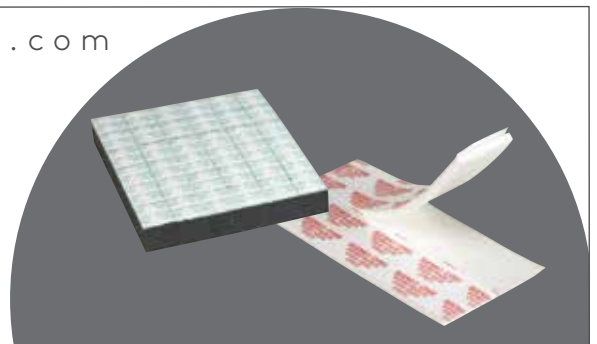
Long Rolls					
Item No.	Adhesive + Carrier mil	Width	Length	Roll Diameter	Rolls/ Carton
		in	ft	in	
473017	3.0	1/2	1000	10-13/16	18
473021	3.0	1/2	3000	18-3/16	12
473018	3.0	3/4	1000	10-13/16	12
473022	3.0	3/4	3000	18-3/16	4
473019	3.0	1	1000	10-13/16	9
473023	3.0	1	3000	18-3/16	6

(Continued in next column)

Long Rolls					
Item No.	Adhesive + Carrier mil	Width	Length	Roll Diameter	Rolls/ Carton
		in	ft	in	
473020	3.0	2	1000	10-13/16	4
471708	4.5	3/8	750	12-1/8	14
471709	4.5	1/2	1500	17	12
471711	4.5	3/4	1500	17	8
471714	4.5	1	750	12-1/8	6
471717	4.5	12	180	6-5/8	4

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# FILM TAPE

## DK Film® Tape Pre-Cut Pieces On A Roll

### Specifications:

- Adhesive: Rubber-based permanent on both sides (not recommended for direct UV exposure)
- Application Temperature: 40°F to 90°F
- Service Temperature: -20°F to 190°F
- Thickness: 0.5 mil film, 1.25 mil to 2 mil adhesive on each side

### Features:

- Provides the tack of permanent rubber-based adhesive without the thickness of foam
- Good initial tack "Quick-Stick"
- Two available thicknesses allow for greater flexibility in your application



Pre-Cut Pieces On A Roll - 1/2" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471718	4.5	1/2	1	10000	20000
471719	4.5	1/2	2	10000	20000
471720	4.5	1/2	3	5000	10000
471721	4.5	1/2	4	5000	10000

(Continued in next column)

Pre-Cut Pieces On A Roll - 1/2" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471722	4.5	1/2	5	3000	6000
471723	4.5	1/2	6	3000	6000
471724	4.5	1/2	7	2000	4000
471727	4.5	1/2	10	2000	4000

Pre-Cut Pieces On A Roll - 3/4" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471743	4.5	3/4	1	10000	20000
471744	4.5	3/4	2	5000	10000
471745	4.5	3/4	3	5000	10000
471746	4.5	3/4	4	2500	5000
471747	4.5	3/4	5	2000	4000
471748	4.5	3/4	6	2000	4000

(Continued in next column)

Pre-Cut Pieces On A Roll - 3/4" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471751	4.5	3/4	9	2000	4000
471752	4.5	3/4	10	1500	3000
471753	4.5	3/4	11	1500	3000
471756	4.5	3/4	14	1500	3000
471758	4.5	3/4	16	1000	2000

Pre-Cut Pieces On A Roll - 1" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471768	4.5	1	1	10000	20000
471769	4.5	1	2	6300	12,600
471770	4.5	1	3	4000	8000
471771	4.5	1	4	2500	5000
471772	4.5	1	5	2000	4000
471773	4.5	1	6	2000	4000
471774	4.5	1	7	1500	3000
471775	4.5	1	8	1500	3000
471776	4.5	1	9	1500	3000
471777	4.5	1	10	1000	2000

(Continued in next column)

Pre-Cut Pieces On A Roll - 1" Width					
Item No.	Adhesive + Carrier mil	Width		Pieces/ Roll	Pieces/ Carton
		in	in		
471778	4.5	1	11	1000	2000
471779	4.5	1	12	1000	2000
471780	4.5	1	13	1000	2000
471781	4.5	1	14	750	1500
471782	4.5	1	15	750	1500
471783	4.5	1	16	750	1500
471785	4.5	1	18	750	1500
471786	4.5	1	19	750	1500
471787	4.5	1	20	750	1500

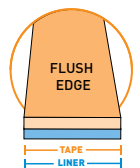
## DK Film® Acrylic Film Tape Rolls

### Specifications:

- Adhesive: Acrylic-based permanent on both sides
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F
- Thickness: 0.5 mil film, 1.65 mil adhesive on each side

### Features:

- Ideal for demanding indoor and moderate outdoor applications
- Acrylic benefits include good shear strength, high temperature resistance, good UV and weather resistance, good adhesion to flexible plastics



Standard Rolls					
Item No.	Adhesive + Carrier mil	Width		Roll Diameter	Rolls/ Carton
		in	ft		
472522	3.8	3/8	180	6-5/8	40
472523	3.8	1/2	180	6-5/8	48
472525	3.8	1	180	6-5/8	24
472526	3.8	2	180	6-5/8	12
472527	3.8	3	180	6-5/8	8



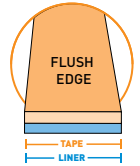
### DK Film® Hi-Tack Acrylic Film Tape Rolls

Specifications:

- Adhesive: Acrylic-based permanent on both sides
- Backing: PET film
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 275°F
- Thickness: 0.5 mil film, 1.5 mil adhesive on each side

Features:

- Performs in the most demanding applications with good initial tack
- High performing long-term adhesive bond
- Excellent UV resistance
- Good plasticizer resistance



Standard Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
473037	3.5	1/2	180	5-7/8	48
473039	3.5	1	180	5-7/8	24

Long Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
473043	3.5	1	1000	11-5/8	9

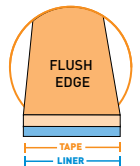
### Remo One® Film Tape Rolls

Specifications:

- Adhesive: Rubber-based permanent on the exposed side, removable adhesive on the liner side
- Application Temperature: 65°F to 100°F
- Service Temperature: -20°F to 150°F

Features:

- Double-sided adhesive film tape with aggressive permanent adhesive on the exposed side and removable adhesive on the liner side
- Removable side is identified with red printed liner
- Removes cleanly from most hard non-delaminating surfaces even after extended periods of time
- Long rolls are ideal for automatic applications



Standard Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
472708	4.4	3/8	180	6-11/16	40
472709	4.4	1/2	180	6-11/16	48

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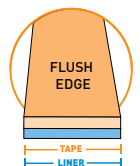
Standard Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
472710	4.4	3/4	180	6-11/16	32
472711	4.4	1	180	6-11/16	24
472712	4.4	2	180	6-11/16	12

Long Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
472488	4.4	3/8	750	12	14
472489	4.4	1/2	1500	17-1/16	12

(Continued in next column)

Long Rolls					
Item No.	Adhesive + Carrier mil	Width in	Length ft	Roll Diameter in	Rolls/ Carton
472490	4.4	3/4	1500	17-1/16	8
472491	4.4	1	750	12	6

### Remo One® Film Tape Pieces



Pre-Cut Pieces On A Roll					
Item No.	Adhesive + Carrier mil	Width in	Length in	Pieces/ Roll	Pieces/ Carton
472492	4.4	1/2	1	7500	15000
472493	4.4	1/2	2	5000	10000
472494	4.4	1/2	3	2500	5000
472495	4.4	1/2	4	2500	5000
472501	4.4	1/2	10	1000	2000

(Continued in next column)

Pre-Cut Pieces On A Roll					
Item No.	Adhesive + Carrier mil	Width in	Length in	Pieces/ Roll	Pieces/ Carton
472512	4.4	1	1	5000	10000
472513	4.4	1	2	2500	5000
472514	4.4	1	3	2000	4000
472515	4.4	1	4	1250	2500
472521	4.4	1	10	500	1000