

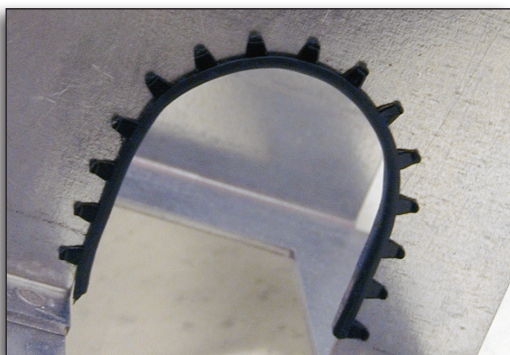


AP and BAP Series

Spring-Fast provides 49% cost savings, 950% productivity increase and best in class high performance. The fastest, safest, most reliable way to protect wires, cables, and tubing from abrasion. It locks on with finger pressure in seconds, eliminating solvents, adhesives, ancillary materials and volatile organic compound (VOCs). Spring-Fast installs continuously and is very flexible for use on sharp corners and curved edges, such as flanged holes.

Features for all Spring-Fast:

- Coated with abrasion resistant nylon thermoplastic
- UL94 V-0 flammability rating
- Compliant to: • RoHS • REACH • EWIS • FAR 25.853
- Eliminates adhesives
- For use on a wide range of panel thicknesses



BT Series

Spring-Fast “T” Series:

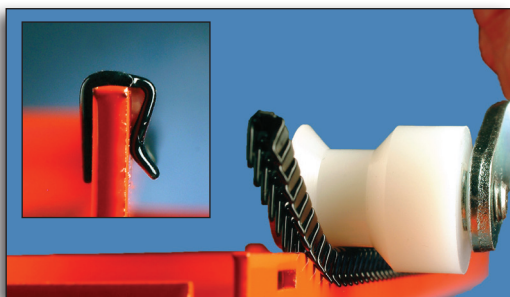
- Lowest profile (size) grommet
- Operating temperature range: -40°F to 285°F (-40°C to 140°C)
- For straight edges and inside and sharp outside corners

Spring-Fast “BT” Series:

- Includes a flexible polymer cushion for added abrasion protection
- Operating temperature range: -40°F to 185°F (-40°C to 85°C)
- For straight edges and inside and sharp outside corners

Spring-Fast “AP” Series:

- Greater gripping strength for severe shock and vibration environments
- Operating temperature range: -40°F to 285°F (-40°C to 140°C)
- Multi-axis flexibility for rounded inside and outside corners



FM Series

Spring-Fast “BAP” Series:

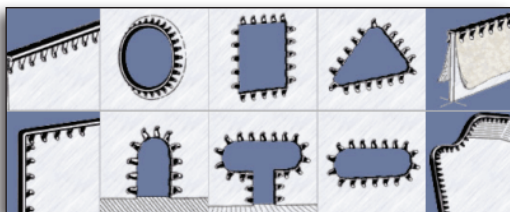
- Greater gripping strength for severe shock and vibration environments
- Includes a flexible polymer cushion for added abrasion protection
- Operating temperature range: -40°F to 185°F (-40°C to 85°C)
- Multi-axis flexibility for rounded inside and outside corners

Spring-Fast “SL” Series:

- Completely encapsulated in a flexible UL94 V-0 flame retardant polymer
- Operating temperature range: -67°F to 203°F (-55°C to 95°C)
- Added abrasion protection for wires and hands

Spring-Fast “FM” Series:

- Same characteristics as “AP” Series plus flush mounting on one side for flat panel surfaces
- Operating temperature range: -40°F to 285°F (-40°C to 140°C)
- Multi-axis flexibility for rounded inside and outside corners



SpringFast®

Wire Protection Grommet Edging

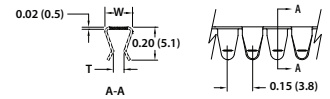
Qualifications:

Spring-Fast Product Configurations	T	AP	FM	BT	BAP	SL
Axis Conformity	Single	Multi	Multi	Single	Multi	Multi
Vicat Softening Point per ASTM D01525 Rate B	Substrate Finish: ISO306 356°F (180°C)			TPE Cushion: ISO306 230°F (110°C)		
Operating Temperature Range	-40°F to 285°F (-40°C to 140°C)			-40°F to 185°F (-40°C to 85°C)		-67°F to 203°F (-55°C to 95°C)
Dielectric Strength Volts 60Hz NASM22529 Section 3.2.1	1000			1500		2000
Substrate	Stainless Steel					
Taber Abrasion Resistance	Nylon per NFT 30-015			TPE Cushion per D1044		
Finish (End Code)	Nylon Black (02) Epoxy Blue (03) FDA White (04) Epoxy Green (06) Epoxy White (07)			TPE Cushion Black (01) Gray (02)		TPE Encapsulation Black (01)
Salt Spray Hours	2000					3000
Immersion	Per NASM22529 and Skydol Compatible					
Random Shock and Vibration	MIL-STD-1344					
Flammability	UL94 V-0 (File No. E113553 NZMT2) ● MIL-STD-202F FAR 25.853A ● Telcordia GR-63-CORE					
Fabrication Options	Factory pre-cut lengths ● Bulk or private branded kits Roll-Fast™ installation tool ● Bench mounted cut-off press					

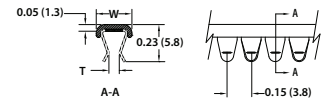
Sizes:

Product Size	T Panel Thickness		Product Color Code	W Width Inches (mm)					
	Inches (mm)	Gauge		AP	T	FM	BT	BAP	SL
0	0.020 - 0.030 (0.5 - 0.8)	24, 23, 22, 21	Lt. Purple	0.13 (3.3)	0.14 (3.6)	N/A	0.19 (4.8)	0.28 (6.8)	0.212 (5.4)
1	0.029 - 0.045 (0.7 - 1.1)	20, 19, 18	White			N/A			
2	0.044 - 0.056 (1.1 - 1.4)	17, 16	Pink			N/A			
3	0.055 - 0.069 (1.4 - 1.7)	15, 14	Yellow			N/A			
4	0.069 - 0.090 (1.7 - 2.3)	13, 12	Blue	0.18 (4.6)	0.25 (6.4)	N/A	0.32 (8.1)	N/A	N/A
5	0.089 - 0.114 (2.3 - 2.9)	11, 10, 9	Green			N/A			
6	0.113 - 0.130 (2.9 - 3.3)	8	Orange			N/A			
7	0.180 - 0.204 (4.6 - 5.2)	5, 4	N/A	N/A	0.32 (8.1)	N/A	0.38 (9.6)	N/A	N/A
8	0.240 - 0.260 (6.1 - 6.6)t	2	N/A	N/A	0.32 (8.1)	N/A	0.38 (9.6)	N/A	N/A

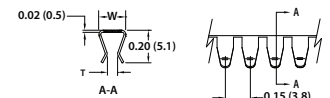
Spring-Fast Profiles:



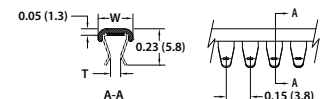
T SERIES



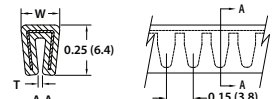
BT SERIES



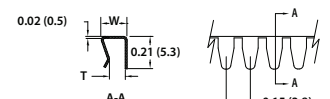
AP SERIES



BAP SERIES



SL SERIES



FM SERIES

Ordering Examples:

T Series on Reel

T1 - 0025 - ER 02

22 Gage Panel
25' (7.6m) Reel
Reel
Coating: Fusion Bonded Nylon
Color: Black

BT Series Factory Precut

BT4 - 0053 - EC 0201

0.08" (2.0mm) Panel
53 Castles, 53 x 0.15 = 7.95"
Factory Precut Length
Coating: Fusion Bonded Nylon with Cushion
Color: Black