

SpringFast®

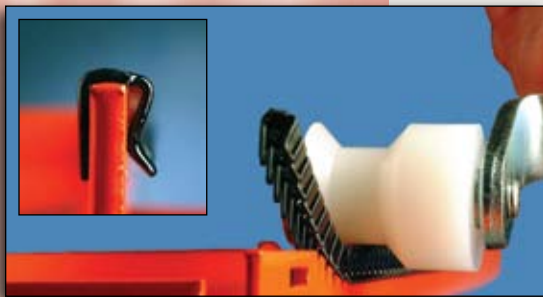
Wire Protection Grommet Edging



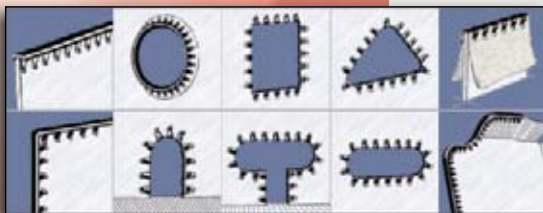
AP and BAP Series



BT Series



FM Series



Spring-Fast is 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
- RoHS compliant
- FAR 25.853 compliant
- Eliminates adhesives
- For use on a wide range of panel thicknesses

Spring-Fast "T" Series:

- Lowest profile (size) grommet
- Operating temperature range: -40°F to 285°F (-40°C to 181°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 181°C)
- Multi-axis flexibility for rounded inside and outside corners

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: -40°F to 185°F (-40°C to 85°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 181°C)
- Multi-axis flexibility for rounded inside and outside corners



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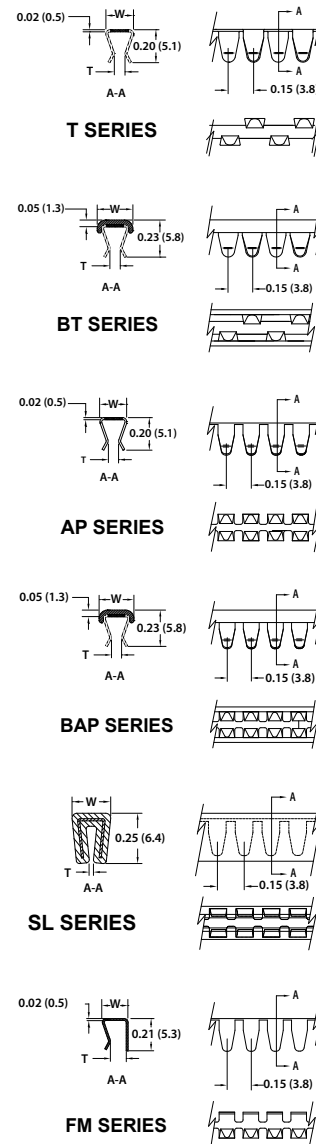
Qualifications:

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)		
Dielectric Strength Volts 60Hz NASM22529 Section 3.2.1	1000			1500		2000
Substrate	Stainless Steel					
Taber Abrasion Resistance	Nylon per NFT 30-015 5mg to 8mg loss, 100 cycles			TPE Cushion per D1044 1 KG load C17 Wheel 25mg loss, 1000 cycles		
Finish (End Code)	Nylon Black (02) FDA White (04)		Epoxy Blue (03) Epoxy Green (06) Epoxy White (07)	TPE Cushion Black (01) Gray(02)		
Salt Spray Hours	2000					
Immersion	Per NASM22529 and Skydol Compatible					
Random Shock and Vibration	MIL-STD-1344, Method 2005.1 Test Condition V1, Letter J Duration 8 hours longitudinal and 8 hours perpendicular. rms G 41.7					
Flammability	UL94 V-0 File No. E113553 NZMT2 • MIL-STD-202F, Method 111A FAR 25.853 • 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/FM	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)	0.13 (3.3)	N/A	0.19 (4.8)	0.19 (4.8)	0.19 (4.8)	0.19 (4.8)
1	0.029 - 0.045 (0.7 - 1.1)	20, 19, 18	White							
2	0.044 - 0.056 (1.1 - 1.4)	17, 16	Pink							
3	0.055 - 0.069 (1.4 - 1.7)	15, 14	Yellow							
4	0.069 - 0.090 (1.7 - 2.3)	13, 12	Blue	0.18 (4.6)	0.18 (4.6)	N/A	0.23 (5.8)	0.28 (6.8)	0.23 (5.8)	
5	0.089 - 0.114 (2.3 - 2.9)	11, 10, 9	Green							
6	0.113 - 0.130 (2.9 - 3.3)	8	Orange	0.25 (6.4)	0.25 (6.4)	N/A	0.32 (8.1)	N/A	N/A	
7	0.180 - 0.204 (4.6 - 5.2)	5, 4	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:



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

I.S. EN ISO 9001:2008 • AS9100-B/ISO 9001:2008 Certified. Registration No. AS19.4480

Certified Vendor to Fortune 100 & 500 OEMs, JIT w/ MAJOR OEMs Worldwide, supported by International Distribution



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SF-1209/2M