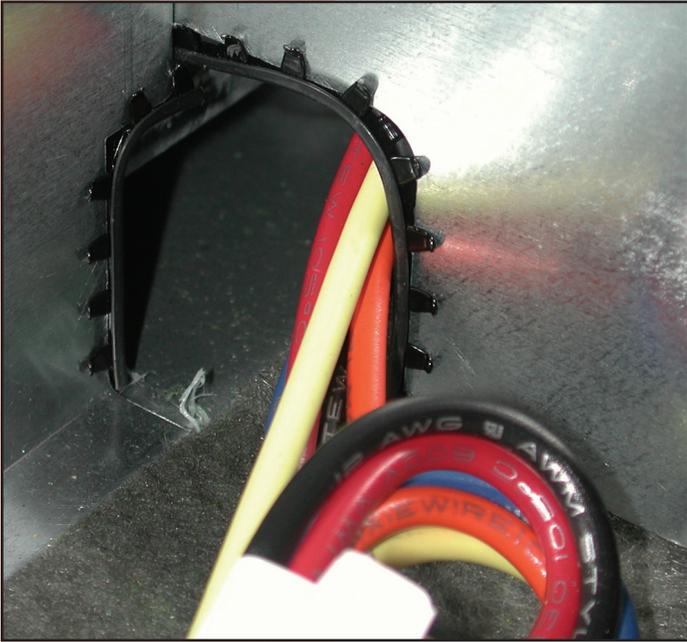# Spring-Fast®
GROMMET TECHNOLOGY ON THE CUTTING EDGE

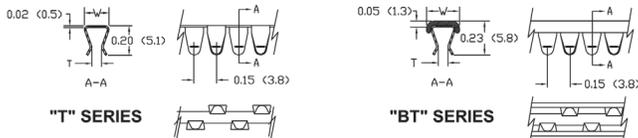## The cleaner, better, faster grommet solution

Spring-Fast is the fastest, safest, most reliable way to protect wires and cables from abrasion. It locks on with finger pressure in seconds, eliminating solvents, adhesives, ancillary materials and volatile organic compound (VOCs) while enhancing productivity and quality.
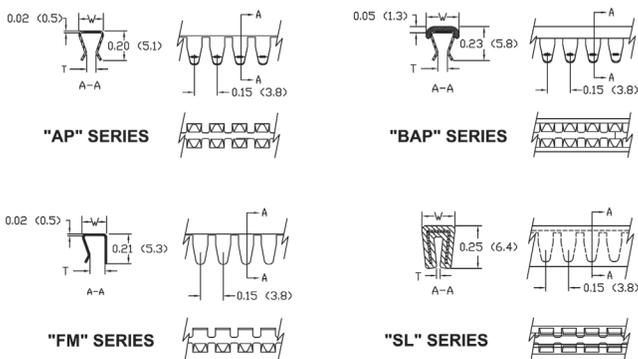

Dimensions: inches (mm)

Features:

- Spring-Fast "T" Series has the lowest profile of any grommet edging available. Substrate is encapsulated with lubricious fusion bonded nylon having superior abrasion and chemical resistance. Heat continuous is 285°F (140°C). Attaches quickly to straight edges and inside and outside corners.

- Spring-Fast "BT" Series includes the "T" Series abrasion resistant subsurface and a polymer cushion Durometer 46 Shore D: a soft surface on which wires and cables are protected. Heat continuous is 185°F (85°C).

- Spring-Fast Flexi-Grommet™ "AP" and "BAP" Series have all the attributes of the "T" and "BT" Series, but have greater gripping strength for severe shock and vibration environments and multi-axis flexibility. Heat continuous is 285°F (140°C) and 185°F (85°C), respectively. Multi-axis flexibility is applicable to rounded inside and outside corners.

- Spring-Fast "FM" Series has all the attributes of the "AP" Series plus flush mounting of one side which maintains a flat panel surface. Multi-axis flexibility is applicable to rounded inside and outside corners.

- Spring-Fast Slim-Lok™ "SL" Series provides additional protection for wires and hands. Completely encapsulated with an abrasion resistance UL94 V-0 flame retardant polymer.

Other Features Include:

- Continuous attachment
- Eliminates adhesives
- Eliminates major environmental and safety concerns
- Protects wires, cables and hands from abrasion or harm
- UL94 V-0 FAR 25.853
- Grips securely to a wide range of panel thicknesses

ISO 9001:2000 and AS9100 B Certified. Registration No. 950 99 0464. Certified Vendor to Fortune 100 & 500 OEMs, JIT w/ MAJOR OEMs Worldwide, supported by International Distribution

DT device technologies, inc.

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Qualifications:

Spring-Fast® Product Configurations	T	AP	FM	BT	BAP	SL
Axis Conformity	2	4	4	2	4	
Vicat Softening Point per ASTM D01525 Rate B	Substrate Finish: ISO306 356°F (181°C)			TPE Cushion: ISO306 230°F (110°C)		
Operating Temperature Range	-40°F (-40°C) to 285°F (140°C)			-40°F (-40°C) to 185° F (85°C)		
Dielectric Strength Volts 60 Hz NASM22529, Section 3.2.1	1000			1500		2000
Substrate	Type 304 Stainless Steel					
Taber Abrasion Resistance	Nylon Per NFT 30-015 5 to 8 mg loss 100 cycles			TPE Cushion Per D1044 1 KG load, C17 Wheel 25 mg loss 1000 cycles		
Finish	Epoxy Blue, Green, Nylon Black, or FDA Approved White			TPE Cushion Black Durometer 60 Shore D		
Salt Spray Hours	2000					3000
Immersion	Per NASM22529 and Skydrol 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 ● Off-set Roll-on applicator tool ● Full bypass shears ● Bench mounted cut-off press					

Ordering Examples:

T Series on Reel

T1 - 0025 - ER 02

22 Gage .0299 (.8) Steel
25 Foot Reel (7.6)
Reel
Coating: Fusion Bonded Nylon
Color: Black

BT Series Factory Precut

BT4 - 0053 - EC 0201

.080 (2.0) Aluminum
53 Whole Castles, 53 x 0.15=7.95
Factory Pre-Cut Length
Coating: Fusion Bonded Nylon with Cushion
Color: Black

BAP Series on Reel

BAP2 - 0100 - ER 0201

18 Gage .0478 (1.0) Steel
100 Foot Reel (30.5)
Reel
Coating: Fusion Bonded Nylon with Cushion
Color: Black

Sizes:

Product Size	Panel Thickness Inches (mm)	Panel Thickness Gauge	Product Color Code AP/FM	Width (w) Inches (mm) AP	Width (w) Inches (mm) T	Width (w) Inches (mm) FM	Width (w) Inches (mm) BT	Width (w) Inches (mm) BAP	Width (w) Inches (mm) SL
0	0.020-0.030 (0.5-0.8)	24,23,22,21	Lt. Purple	0.13 (3.3)		N/A	0.19 (4.8)		
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			0.14 (3.6)			
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)			0.23 (5.8)	0.28 (6.8)	0.23 (5.8)
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	0.25 (6.4)	N/A	0.32 (8.1)	N/A	
8	0.240-0.260 (6.1-6.6)	2	N/A	N/A	0.32 (8.1)	N/A	0.38 (9.6)		

DTi device technologies, inc.

If you have any questions or would like free samples, please call Customer Service at 508-229-2000, Ext 130 or email us at customerservice@devicetec.com.

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