

SpringFast®

BAP Series Flexi-Grommet™

Wire Protection Grommet Edging



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 curved edges, such as flanged holes.



Features and Benefits:

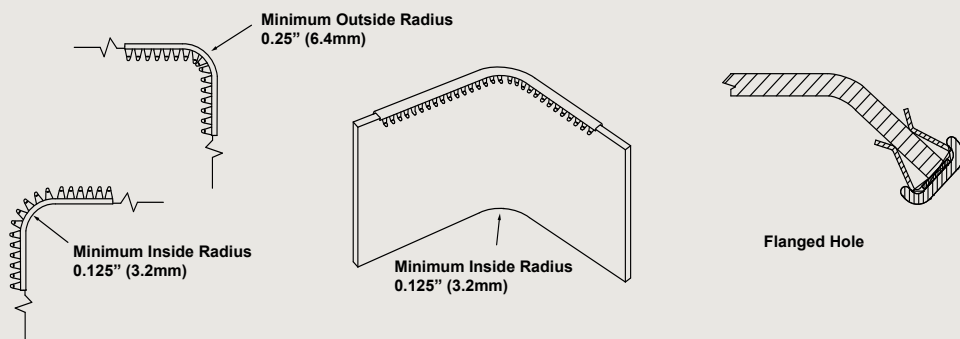
- Multi-axis flexibility for flanged holes and inside and outside corners
- Continuous edge protection
- Excellent gripping strength
- Excellent resistance to abrasion, shock and vibration, low and high temperatures, and corrosion
- Fast assembly without the use of adhesives, rivets, or screws
- RoHS and DFARS compliant
- Flammability per FAR 25.853
- UL94 V-0 compliant
- Operating temperature range: -40°F to 185°F (-40°C to 85°C)

Aircraft Applications:

- Airframe structure
- Auxiliary power units
- Avionic instruments
- Bulkheads
- Cowling
- Dashboard
- Electrical avionic units
- Electrical power center
- In-flight entertainment
- Intercostal
- Lightening holes
- Personal safety units
- Seating
- Tail sections
- Wing ribs



Multi-Axis Flexibility:



840R Roll-Fast™ Applicator Tool



830PS Full Bypass Shears



Spring-Fast Scale



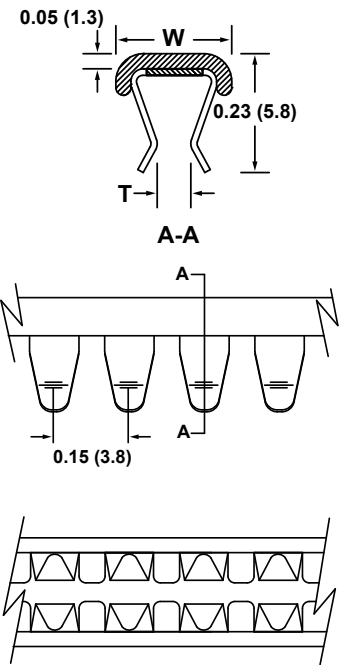
www.devicetech.com

The information contained in this data sheet is based on our experience to date and is believed to be reliable. It is intended as a guide for use by persons having technical skill at their discretion and risk. We do not guarantee favorable results or assume any liability in connection with its use. Dimensions contained herein are for reference purposes only. For specific dimensional requirements, consult the factory. This publication is not to be taken as license to operate under, or a recommendation to infringe upon any existing patents. This supersedes and voids all previous literature, etc. Device Technologies, Inc. expressly disclaims any and all express or implied warranties concerning its products including without limitation, warranty of fitness for a particular purpose and warranty of merchantability.

Qualifications:

Spring-Fast Specifications	BAP Series Flexi-Grommet™
Axis Conformity	Multi
Vicat Softening Point per ASTM D01525 Rate B	TPE Cushion: ISO306 Color: Gray 230°F (110°C)
Operating Temperature Range	-40°F to 185°F (-40°C to 85°C)
Dielectric Strength per NASM22529, Section 3.2.1	1500 Volts at 60Hz
Substrate	Stainless Steel
Taber Abrasion Resistance	TPE Cushion: per D1044 1Kg load, C17 Wheel 25mg loss 1000 cycles
Finish	TPE Cushion
Salt Spray Hours per ASTM B117 MIL-STD-202, Method 301	2000 hours
Immersion	Per NASM22529 and Skydrol Compatible
Random Shock & Vibration	MIL-STD-1344, Method 2005.1 Test Condition VI, Letter J Duration 8 hours longitudinal and 8 hours perpendicular. rms G 41.7
Flammability	FAR 25.601, FAR 25.853 MIL-STD-202F, Method 111A UL94 V-0 File No. E113553 NZMT2
Fabrication Options	Factory pre-cut lengths or private branded kits Roll-Fast™ application tool Full Bypass Shears Spring-Fast Cutter Cart

Dimensions:



Due to sheet thickness tolerances and finishes, end user should determine product sizes by trial. When sheet thickness is at the maximum for the grommet chosen, end user may use a rubber mallet to set, or try the next size larger grommet.

Sizes

Product Size	T Sheet Thickness Inches (mm)	W Width Inches (mm)
0	0.020 - 0.030 (0.5 - 0.8)	0.19 (4.8)
1	0.029 - 0.045 (0.7 - 1.1)	
2	0.044 - 0.056 (1.1 - 1.4)	
3	0.055 - 0.069 (1.4 - 1.7)	
4	0.069 - 0.090 (1.7 - 2.3)	0.28 (6.8)
5	0.089 - 0.144 (2.3 - 2.9)	
6	0.113 - 0.130 (2.9 - 3.3)	

Ordering Examples

BAP Series Factory Precut

BAP4 - 0053 - EC 0402
 0.080" (2.0mm) _____
 53 Whole Castles, 53 x 0.15 = 7.95" _____
 Factory Pre-Cut Length _____
 Coating: White Fushion Bonded Nylon with Grey Cushion _____

BAP Series on Reel

BAP2 - 0100 - ER 0402
 0.050" (1.3mm) _____
 100' Reel (30.5m) _____
 Reel _____
 Coating: White Fushion Bonded Nylon with Grey Cushion _____

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



www.devicetech.com

USA Toll Free: +1-800-669-9682

Phone: +1-508-229-2000 x 130

Fax: +1-508-229-2622

Email: customerservice@devicetech.com



The information contained in this data sheet is based on our experience to date and is believed to be reliable. It is intended as a guide for use by persons having technical skill at their discretion and risk. We do not guarantee favorable results or assume any liability in connection with its use. Dimensions contained herein are for reference purposes only. For specific dimensional requirements, consult the factory. This publication is not to be taken as license to operate under, or a recommendation to infringe upon any existing patents. This supersedes and voids all previous literature, etc. Device Technologies, Inc. expressly disclaims any and all express or implied warranties concerning its products including without limitation, warranty of fitness for a particular purpose and warranty of merchantability.

BAP-1109/2M