

Spring-Fast®

Protective grommet edging

Applications

Spring-Fast is a revolutionary new composite grommet edging, which is fast becoming a market leader in the field of wire and cable protection. Spring-Fast provides the fastest, safest and most effective method of abrasion protection available.

3

The Spring-Fast grommet edging is currently used throughout the Aerospace market to protect cables running through aircraft bulkheads.

Spring-Fast applications include:

- Satellites & Missiles
- Shipboard & Airborne equipment
- Refrigeration & Air conditioning equipment
- Un-interruptable power supplies
- Instrumentation & Control panels
- Lighting systems

Features & Benefits

- Flexible construction to fit a wide range of applications
- No adhesive/curing time required to apply the grommet - snap on fit
- Saves considerable installation time
- No hazardous adhesives and solvents required during application
- Vibration proof
- Abrasion resistant
- Chemical resistant
- Long life expectancy
- Excellent performance under extreme temperatures and humidities
- Expansion co-efficient that closely matches the host material

Spring-Fast was developed to provide increased performance and safety characteristics over the older nylon type protective edging. The Spring-Fast® edging is safer and more reliable because it is constructed from a composite of polymer-encapsulated stainless steel, which is further enhanced by an additional polymer cushion.

Spring-Fast mechanically locks on to any two axis contour with finger pressure in seconds, smoothing over any sharp edges that can come into contact with wire and cable harnesses, eliminating the problem of damage through vibration and subsequent abrasion.

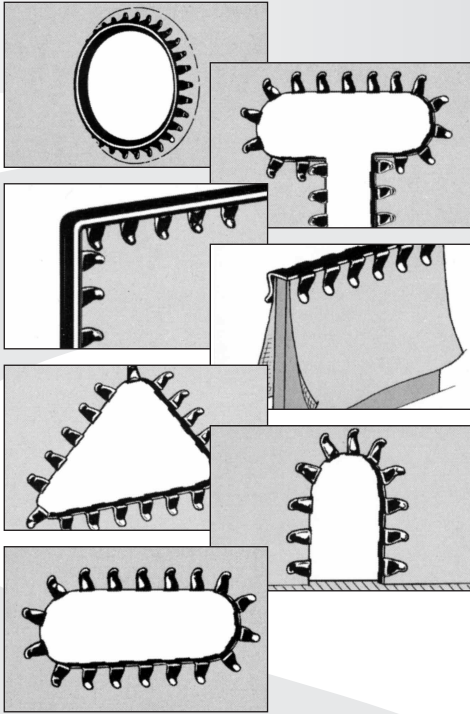


Edging Protected
with Spring-Fast

Edging Not Protected
with Spring-Fast

Note: To ensure a smooth burr free cut that does not deform adjacent 'castles' (gripping teeth) the use of MFE-100 full by-pass shears are recommended.





Technical Performance

Continuous Heat	+90°C (+190°F)
Voltage Breakdown	1500 Volts @ 60Hz
Flammability	FAR 25,853
	MIL-STD-202F (111A)
Vibration & Shock	MIL-STD-1344 (method 2005.1)
	Test Condition 6, Letter J
	Overall rms G 41.7
Salt Spray	2000 Hours (minimum)
	MIL-STD-202F (101D)

3

Specifications/Approvals

- ISO9002 Certified
- AS9000 Compliant
- FAA/CAA Recognised
- NASM 22529/2 Qualified

Spring-Fast Dimensions (dimensions are supplied in mm and feet)

Sheet Thickness (mm)	Spool Size (feet)	Cushion Width (mm)	Ordering Description
0.6 - 0.9	25 or 100	5.1	M22529/2-1R-spool size
0.9 - 1.6	25 or 100	5.1	M22529/2-2R-spool size
1.5 - 1.9	25 or 100	5.1	M22529/2-3R-spool size
1.8 - 2.4	25 or 100	6.1	M22529/2-4R-spool size
2.3 - 2.8	25 or 100	6.1	M22529/2-5R-spool size
2.7 - 3.4	25 or 100	6.1	M22529/2-6R-spool size
4.5 - 5.0	25 or 100	8.1	M22529/2-7R-spool size
6.1 - 6.6	25 or 100	9.7	M22529/2-8R-spool size

Note: Larger pack sizes and cut pieces are also available, for more information on the Spring-Fast product range please contact us.

Ordering Information

Spool Sizes: 25ft or 100ft

Ordering Example: A 25ft length of protective edging is required to fit a bulkhead thickness of 1.8mm = M22529/2-3R-25.