



FlexGuard 2130 편조 슬리브 기술자료

Systems Protection Flexguard 2130 Datasheet · English Edition

Global Industrial Cable Management Solutions

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ABRASION/MECHANICAL

FlexGuard® 2130

Product Highlights

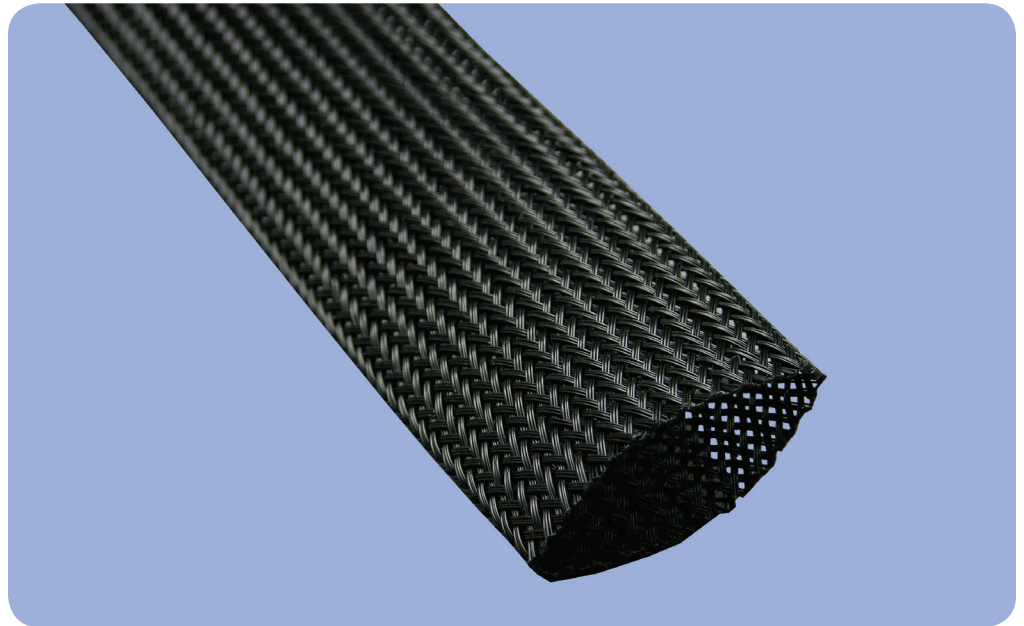
- Operating temperature up to 150°C
- Excellent abrasion resistance
- Excellent flexibility
- Easy to apply
- Attractive appearance
- Does not trap heat or moisture
- Available in cut lengths with a fray resistant end-treatment

Typical Applications

- Hoses and Tubing
- Wire Harnesses



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001



Flexguard® 2130 is a highly flexible, expandable sleeving that is both lightweight and rugged. Because it expands up to three times its own diameter, Flexguard 2130 is easy to apply and one size fits many applications. The material construction permits drainage, prevents condensation, and the tight weave structure provides extreme abrasion resistance.

Flexguard 2130 provides mechanical protection for various hoses, wire harnesses, and other critical components requiring maximum abrasion protection. Featuring a dual monofilament construction, Flexguard 2130 blends larger nylon monofilament guard strands with PET/polyester support strands. This carefully calculated mix provides an excellent balance of key features including: flexibility, expandability, abrasion resistance, and self recovery. These features optimize the handling properties of the sleeve and assure a longer service life for the protected component.

Also available in a dipped end version (Flexguard 2130 DE) designed especially for fray resistance.

BentleyHarris®
Protection Products

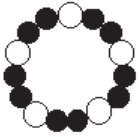
Performance Data – Flexguard® 2130

Property	Test Method	Result
Temperature Rating		150°C
Flammability	SAE J369	Self-extinguishing
Embrittlement	ASTM-D746	-70°C
Low Temperature Flexibility		
Melt Temperatures		
PET Support Strands		247°C - 273°C
Nylon Guard Strands		247°C - 273°C
Yarn Break Through	ASTM-D2256	
PET Support Strands		7 lbs min.
Nylon Guard Strands		13.5 lbs min.
Yarn Elongation	ASTM-D2256	
PET		13 - 27% %
Nylon		15 - 40%

All numeric performance data shows average or typical values.

Construction and Typical Product Characteristics

Resilient support yarn polyester	0.010" diameter
Abrasion guard yarn nylon monofilament	0.015" diameter



End view (enlarged diameter) of Flexguard 2130 showing guard strands (larger) and support strands (smaller, black) in a typical configuration.

Availability

Flexguard 2130 is available in sizes from 1/4" to 1-1/2", in spools or cut to your specifications.

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