



ABRASION/MECHANICAL

# FlexGuard® 2130

## Product Highlights

- Operating temperature up to +150°C (+302°F)
- 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

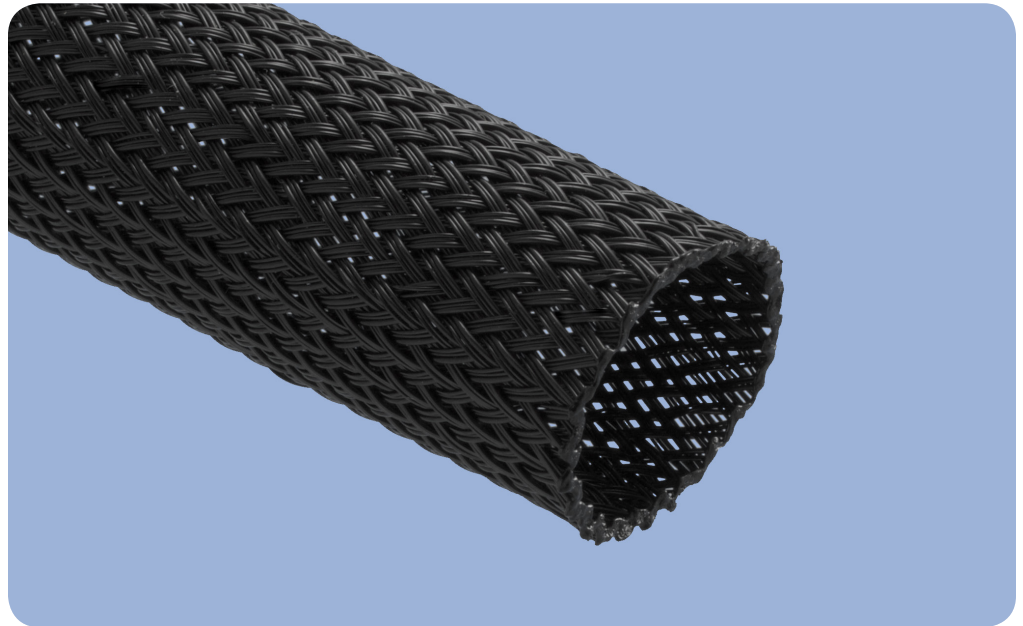
## Typical Applications

- Hoses and Tubing
- Wire Harnesses



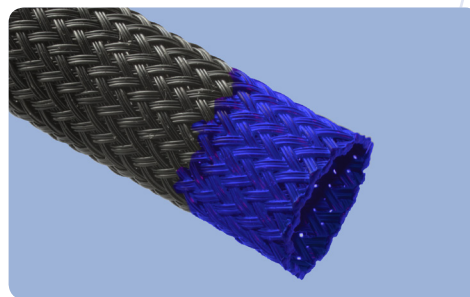
Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

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**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 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 2130LD) designed specifically for fray resistance. Dipped ends are only visible under ultraviolet (UV) light.

**BentleyHarris®**  
Protection Products

# Performance Data – FlexGuard® 2130

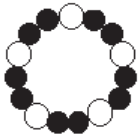
Property	Test Method	Result
Temperature Rating	240 hours at +175°C (+150°C rating)	Pass +150°C (+302°F)
Low Temperature Flexibility	BH100-016A	Pass -70°C (-94°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	BH100-003B	Pass
Melt Temperature	ASTM D3418	245°C to 265°C (+473°F to +509°F)

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Construction and Typical Product Characteristics

Resilient Support Yarn: Polyester (PET) monofilament

Abrasion Guard Yarn: nylon 66 (PA66) monofilament



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 a range of sizes and cut to your specification. Standard color is black. Please contact your sales representative for availability.



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**Europe:** (33) 3 44 39 06 06  
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**China:** (86) 21 6182 7688

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