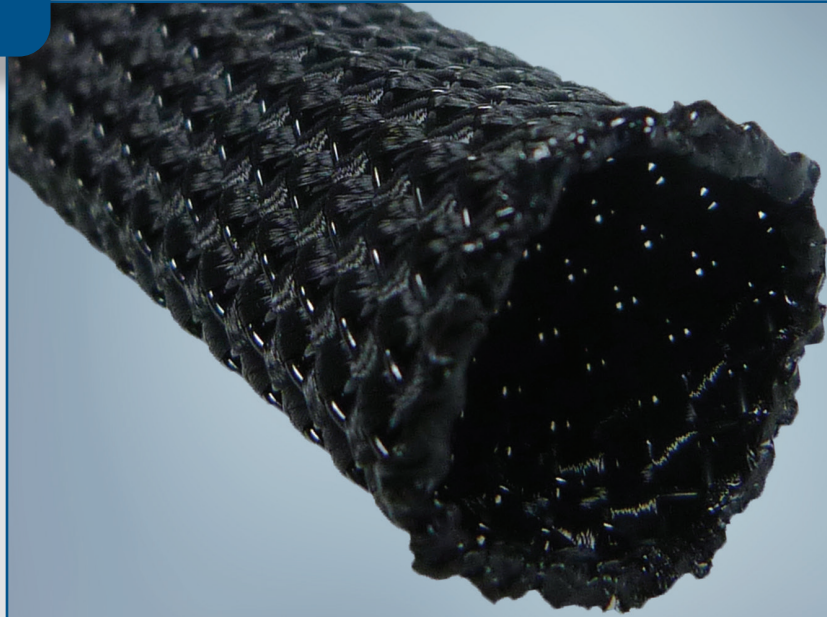


Product Highlights

- Operating temperature up to +125°C (+257°F)
- Excellent mechanical protection
- Designed to fit tightly tube diameters without additional fixing devices

Typical Applications

- Fuel lines
- Brake lines



FlexGuard® 2150 is a sleeve especially designed to provide an excellent abrasion protection to automotive tubes.

FlexGuard 2150 is specifically designed of a mix of mono- and multi-filaments to provide an excellent mechanical protection. Its low profile construction fits perfectly the polyamide pipe architecture and curves and ensures a very good localization on the application.

FlexGuard 2150 is mainly used to protect fuel and brake lines exposed to severe mechanical contacts.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – FlexGuard® 2150

Property	Test Method	Result
Temperature Rating	240 hours at +150°C (+125°C rating)	Pass +125°C (+257°F) with no visible degradation nor loss of flexibility Shrinkage < 10%
Low Temperature Flexibility	BH100-016A	Pass -40°C (-40°F)
Abrasion resistance	D44 1959	Cat D per S21 5101
Flammability	FMVSS 302 D45 1333 D47 1924	Pass Self extinguishing Type B
Fluid Resistance		No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> • Immersion for 15s at 23°C, followed by a drying period of: <ul style="list-style-type: none"> – 24h at 150°C: motor oil, automatic transmission fluid, manual transmission oil. – 24h at 23°C: zinc chloride, brake fluid. • Immersion for 48h at 70°C, followed by a drying period of: <ul style="list-style-type: none"> – 24h at 23°C: Urea of clean up Ad blue. • Immersion for 24h: <ul style="list-style-type: none"> – At 40°C, followed by a drying period of 4h at 23°C: for gazole, unloaded petrol 98, Std fuel C + 15% methanol, E85 bio ethanol. – At 70°C, followed by a drying period of 4h at 23°C, for windscreen washer. – At 118°C, by a drying period of 4h at 23°C, for engine coolant.

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

Standard Sizes

Nominal Size (mm)	Recommended Application Range (mm)	
	Min Ø	Max Ø
4	4	5
5	5	6
6	6	8
8	8	10
10	10	12
12	12	14

Availability

FlexGuard 2150 is available in a range of sizes and cut to your specification. Standard color is black. Please contact your sales representative for availability.



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560
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