



NOISE



ABRASION/MECHANICAL

QuietSleeve™ 3430

Product Highlights

- Operating temperature -50°C to +150°C (-58°F to +302°F)
- Expandable tubular sleeve
- Excellent noise suppression
- Abrasion resistant
- Extremely lightweight
- Highly expandable
- Self-extinguishing

Typical Applications

- Body wiring harnesses
- Instrument panel harnesses
- Dome light wiring harnesses



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

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QuietSleeve™ 3430 is a highly flexible, expandable sleeving used to suppress noise on wire harnesses. Its lightweight construction also provides additional protection against rubbing.

QuietSleeve 3430 is braided from a combination of monofilament polyester abrasion-resistant strands and multifilament, polyester, noise-suppression strands. When installed on wire harnesses, this construction provides a sound dampening and anti-rattle effect greatly reducing the noise generated by vehicle vibration.

QuietSleeve 3430 is easy to apply and one size fits many applications since it readily expands. In addition, the open weave construction prevents condensation.

The carefully calculated mix of strands provides a balance of key features including: flexibility, expandability, abrasion resistance, noise suppression and self-fitting recovery. These features optimize the handling properties of the sleeving and assure a longer service life for the final assembly.

BentleyHarris®
Protection Products

Performance Data – QuietSleeve™ 3430

Property	Test Method	Result
Operating Temperature	ISO 6722-1	-50°C to +150°C (-58°F to +302°F)
Heat Aging: 240 hrs @ +175°C	ISO 6722	Neither any visible degradation or loss of flexibility Shrinkage < 10%
Flammability	FMVSS 302 D45 1333	Pass Self extinguishing Type B
Fluid Resistance	D47 1924	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"> Ø 24h at 150°C: motor oil, automatic transmission fluid, mineral hydraulic fluid. Ø 24h at 23°C: zinc chloride, brake fluid. • Immersion for 48h at 70°C, followed by a drying period of 24h at 23°C: Urea of clean up Ad blue. • Immersion for 24h <ul style="list-style-type: none"> Ø 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. Ø At 70°C, followed by a drying period of 4h at 23°C, for windscreen washer. Ø At 118°C, by a drying period of 4h at 23°C, for engine coolant.
Rubbing efficiency	SAE J2192	-20 dB(A)
Rattling Efficiency	SAE J2192	-44 dB(A)

All numeric performance data shows average or typical values.

Standard Sizes

Commercial Part Number	Recommended Application Range mm		Max. Diameter Expansion mm
	Min Ø	Max Ø	
QuietSleeve 3430 3	1	4	7
QuietSleeve 3430 4	2	5	12
QuietSleeve 3430 6	2	6	16
QuietSleeve 3430 14	6	10	22
QuietSleeve 3430 18	10	14	30
QuietSleeve 3430 22	12	16	50

Availability

QuietSleeve 3430 is available in a range of sizes from 3 mm to 22 mm.

Standard color is black with a red, temperature identifying, tracer strand (T4). This product is available only in cut lengths cut to the following specifications :

- Recommended standard cut length are in 5 mm increments.

Packaging is in accordance with GALIA Standards (ODETTE).

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USA: (1) 800 926 2472
Europe: (33) 3 44 39 06 06
Japan: (81) 45 479 0201
China: (86) 21 6182 7688

www.federalmogul.com/sp