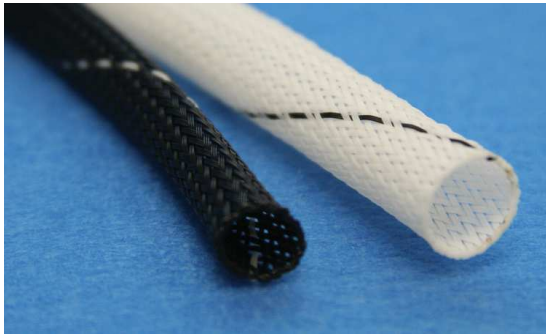




EXFR

Expandable Braided Fire Retardant Monofilament Sleeving



Product Description

Grayline EXFR is a tough, lightweight, expandable sleeving made from flame retardant Polyethylene Terephthalate (PET) that offers excellent abrasion and cut through resistance as well as inertness to most chemicals and fungus. The flexible open weave construction provides dissipation of heat and moisture, preventing condensation, and allowing for complete drainage.

Grayline EXFR is recommended for use over wires, tubing, cables, wire bundles, wire harnesses, and pneumatic hoses to provide tough, durable protection. Its non-burning characteristics makes it suitable for military, automotive, and aerospace applications where flammability is a critical issue.

*Standard Packaging: Reels or Cut to Customer Specifications.
Standard Color: Black, White (w/ Alternate Tracer Strand)
Special Colors: Available Upon Request*

Features

- Operating Temperature is -70° to 125°C
- Excellent Resistance to Chemicals and Fungus
- Fire Retardant
- Abrasion and Cut-Through Resistance
- Highly Flexible
- Excellent Dissipation of Heat and Moisture
- Lead Free

Specifications

- UL VW-1
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

PROPERTY	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	55,000	ASTM D876
Elongation @ Break, %	25	ASTM D876
Melt Temperature, $^{\circ}\text{C}$	240	ASTM D2117
Flammability	VW-1	UL 224
Wall Thickness, in.	.025	—

Nominal ID	Max Expanded ID
1/8" (3mm)	5/16" (8mm)
1/4" (6mm)	3/8" (10mm)
3/8" (10mm)	5/8" (17mm)
1/2" (13mm)	15/16" (24mm)
3/4" (19mm)	1-3/8" (36mm)
1" (25mm)	1-3/4" (46mm)
1-1/4" (32mm)	2" (52mm)
1-1/2" (38mm)	2-1/2" (64mm)
2" (51mm)	2-3/4" (70mm)
2-1/2" (64mm)	3-3/8" (88mm)
3" (75mm)	4-1/4" (108mm)

The values listed in this bulletin, to the best of our knowledge, are accurate. They are typical performance results and are not intended to be used as design data. We disclaim all liability in connection with the use of information contained herein or otherwise.