



EXGP

Expandable Braided Monofilament Sleeving



Product Description

Grayline EXGP is a tough, lightweight, expandable sleeving made from Polyethylene Terephthalate (PET), which 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 EXGP provides tough, durable protection over tubing, hoses, wire, wire bundles, wire harnesses, cable assemblies and flat ribbon cable without adding critical weight, bulk and extra cost. The resistance of the polyester monofilaments to most oils, salt water, fuels, cleaners, solvents and chemicals makes it ideal for use in harsh environments.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Black

Special Colors: Available Upon Request

Features

- Operating Temperature is -70° to 125°C
- Excellent Resistance to Chemicals and Fungus
- Abrasion and Cut-Through Resistance
- Highly Flexible (Expands up to 2.5 times its original diameter)
- Excellent Dissipation of Heat and Moisture
- Lead Free

Specifications

- UL 125°C
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2015/863 (RoHS3)

PROPERTY	TYPICAL VALUE	TEST METHOD
Tensile Strength, psi	100,000	ASTM D876
Elongation @ Break, %	20	ASTM D876
Melt Temperature, $^{\circ}\text{C}$	250	ASTM D2117
Flammability	Does not support flame	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)
5/8" (16mm)	1-1/4" (32mm)
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.