

WIRE MANAGEMENT PRODUCTS

EXPANDABLE BRAIDED POLYESTER SLEEVING

GRP-110, 120

MIL-I-631D
RoHS COMPLIANT

CHOOSE EXPANDABLE BRAIDED POLYESTER SLEEVING FOR:

- Lightweight, Flexible Routing
- High Abrasion and Cut-Through Resistance
- Rot-Free/Fungus-Proof Applications

EXPANDABLE BRAIDED POLYESTER SLEEVING APPLICATIONS:

- Cut-Resistant Covering for Wire, Cable and Hoses
- Wire Bundling and Harnessing
- Jacket for Flat Cable

CHARACTERISTICS

OPERATING TEMPERATURE:

- -70°C to 125°C

COLOR DESCRIPTION:

- GRP-110: Black, Natural
- GRP-120: Black, White

PHYSICAL PROPERTIES:

- Withstands Short Term Exposure to 230°C
- GRP-120 Passes UL VW-1 Flame Test

CHEMICAL PROPERTIES:

- Not Affected by Most Chemical Environments and Common Solvents (Freon*, Detergents, Soaps, Bleaches and Water)
- Fungus Resistance: No Growth

SPECIFICATIONS

- MIL-I-631D
- RoHS Compliant



Recognized
Component
Underwriters Laboratories Inc.



Passes
UL VW-1 Flame Test
Underwriters Laboratories Inc.



RoHS
Compliant



EXPANDS AND GRIPS:

Alpha GRP is a lightweight, expandable woven polyester sleeving that offers high flexibility with high resistance to abrasion and cut-through. The open weave allows for a great range of expansion of the sleeving diameter, thus ensuring ease of installation and gripping action over a wide range of shapes and sizes. GRP sleeving is an ideal protective sleeve for wire bundles, harnesses, pneumatic hoses, hydraulic lines and highly polished or threaded machine parts.

To prevent fraying of ends, GRP-110, 120 should be cut/sealed with a hot knife.

General Purpose Alpha Part No. and Size	Flame Retardant Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Expanded I.D.		Nominal Wall Thickness		Standard Put-Up Spools Ft.
		Inches	mm	Inches	mm	Inches	mm	
GRP-110-1/8	GRP-120-1/8	0.093	2,36	0.250	6,35	0.025	0,63	100, 500
GRP-110-1/4	GRP-120-1/4	0.125	3,18	0.437	11,09	0.025	0,63	100, 500
GRP-110-1/2	GRP-120-1/2	0.250	6,35	0.750	19,05	0.025	0,63	100, 500
GRP-110-3/4	GRP-120-3/4	0.500	12,70	1.250	31,75	0.025	0,63	100, 500
GRP-110-1-1/4	GRP-120-1-1/4	0.750	19,05	1.750	44,45	0.025	0,63	50, 250
GRP-110-1-3/4	GRP-120-1-3/4	1.250	31,75	2.750	69,85	0.025	0,63	50, 250
GRP-110-2	GRP-120-2	1.500	38,10	3.500	88,90	0.025	0,63	50, 250

*Registered trademark of E.I. DuPont Co.

