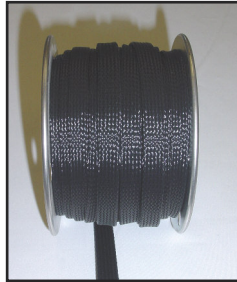
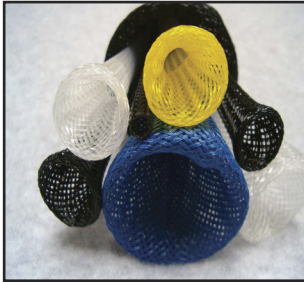




EXPANDABLE MONOFILAMENT SLEEVING

In convenient 100 ft spools

A



- Rated for continuous use from -70°C to 125°C but can withstand intermittent operation up to 150°C.
- RoHS and WEEE compliant.
- **Colors:** Standard color is Black. Other colors available upon request.

DESCRIPTION

- Made of specially formulated Polyethylene Terephthalate (PET)
- Provides excellent abrasion and cut-through resistance protection, excellent chemical and fungus resistance and good mechanical properties.
- The flexible open weave construction allows for ease in pulling over irregular shapes and also provides for dissipation of heat and moisture, preventing condensation, and allowing for complete drainage.

USES

Expandable monofilament braided sleeveings provide a 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 applications in harsh environments and in electronics, marine, and industrial wire harness applications. Exhibits excellent stretch and flexibility even at low temperatures making it ideal for applications in machine tools, robotics, automated equipment and wherever exposure to extreme weather conditions is a concern.

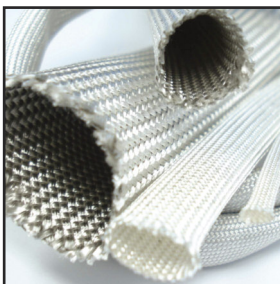
FLUID RESISTANCE

Testing verifies that there is virtually no effect on the tensile strength and maybe only a slight reduction (approximately 5%) in elongation when exposed to the following fluids: cleaning fluid, de-icing fluid, fuel oil, gasoline, hydraulic fluid, lubricating oil, salt water and solvents.

| Part No. | Nominal I.D. (inches) | Size Range (inches) |
|---------------|-----------------------|---------------------|
| EMFS-125-0-C | 1/8 | 3/32 – 9/32 |
| EMFS-250-0-C | 1/4 | 1/8 – 3/8 |
| EMFS-375-0-C | 3/8 | 3/16 – 5/8 |
| EMFS-500-0-C | 1/2 | 1/4 – 3/4 |
| EMFS-750-0-C | 3/4 | 1/2 – 1 1/4 |
| EMFS-1250-0-C | 1 1/4 | 3/4 – 1 3/4 |
| EMFS-1750-0-C | 1 3/4 | 1 – 2 1/2 |
| EMFS-2000-0-C | 2 | 1 1/4 – 2 3/4 |
| EMFS-2500-0-C | 2 1/2 | 1 1/2 – 3 1/4 |
| EMFS-3000-0-C | 3 | 2 – 4 |

HEAT TREATED FIBREGLASS SLEEVING

In convenient 100 ft spools



- Class "C" insulation rated at 240° C.
- UL VW-1 recognized insulation – UL File #E80713.
- Applicable Specifications:
 - ASTM D 350 / 372.
 - MIL-Y-1140H
 - NEMA TF-2
- **Colors:** natural (silver-grey) only.
- **Cut through resistance:** Excellent
- **Oil resistance:** No swelling or disintegration
- **Fungus resistance:** Inert, requires no fungicide additives.
- **Rate of Burning:** Meets UL VW-1 flammability rating



| Part No. | Size | Nominal Diameter (Inches) | Minimum Diameter (Inches) | Maximum Diameter (Inches) |
|---------------|------|---------------------------|---------------------------|---------------------------|
| THERMO12001/4 | 1/4" | 0.263 | 0.258 | 0.278 |
| THERMO12003/8 | 3/8" | 0.387 | 0.375 | 0.399 |
| THERMO12001/2 | 1/2" | 0.512 | 0.5 | 0.524 |
| THERMO12005/8 | 5/8" | 0.64 | 0.625 | 0.655 |
| THERMO12003/4 | 3/4" | 0.768 | 0.75 | 0.786 |
| THERMO12001 | 1" | 1.018 | 1 | 1.036 |

THERMO 1200 is used in high temperature, low voltage applications and wherever severe, repeated flexing or temperature extremes prohibit the use of other materials. Its expandability and flexibility enables it to slip over irregular shapes and electrical connections to provide effective thermal, mechanical and electrical protection.

APPLICATIONS

THERMO 1200 has a temperature range of -59°C to 648°C (-75°F to 1200°F). It is made of flexible, continuous filament electrical grade fiberglass yarns conforming to MIL-Y-1140H. The sleeving is heat resistant, non-flammable and VW-1 flame-retardant as recognized by UL in File #80713. THERMO 1200 exhibits high tensile strength and superior resistance to moisture, fungus and chemical attack.