



# Cable Management

## Non-shrink, Heat-shrink, & Sleeving



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# Industry Information:

## Material Properties

Material	Flexibility	Weather-ability	Abrasion Resistance	Voltage (Volts/Mil)	Nom. Temp Range (°C)	Nom. Dielec Constant	Gasoline
PVC	G	Excellent	G	500	-55°C - 105°C	-	P
Polyurethane	E	Excellent	E	500	-50°C - 80°C	7	G
Polyethylene	F	Excellent	G	600	-60°C - 80°C	2.1	G
Polyethylene - Foam	G	Excellent	P	N/A	-60°C - 80°C	1.5	P
Polypropylene	P	Excellent	E	650	-40°C - 105°C	2.2	G
Nylon	P	Excellent	E	450	-40°C - 120°C	4	G
Hytrel	F	Excellent	E	860	-50°C - 105°C	6	G
FEP	F	Excellent	E	600	-70°C - 200°C	2.1	E
PFA	F	Excellent	E	2000	-70°C - 260°C	2	E
Tefzel	F	Excellent	E	400	-70°C - 150°C	2.7	E
PEEK	G	Excellent	E	580	-70°C - 240°C	3.2	E
Silicone Rubber	E	Excellent	F	600	-65°C - 200°C	3	G
TPE	G	Excellent	E	650	-75°C - 140°C	2.4	P

E = Excellent  
G = Good  
F = Fair  
P = Poor

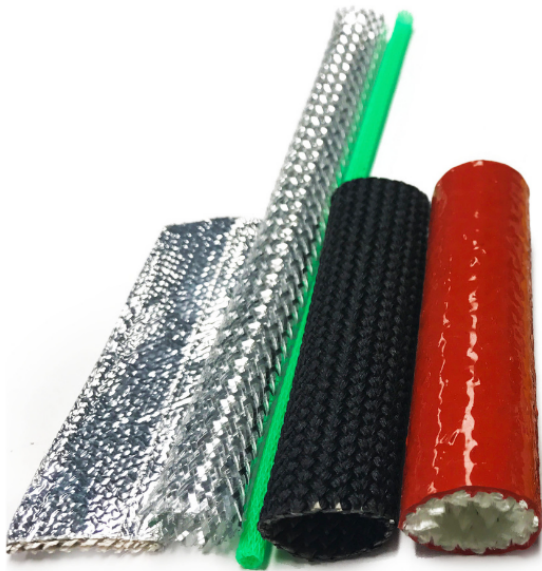


### Cable Management Benefits:

- Increased safety
- Cut down on wasted time and frustration
- Additional strength and shelf life
- Keep your work environment cleaner and organized



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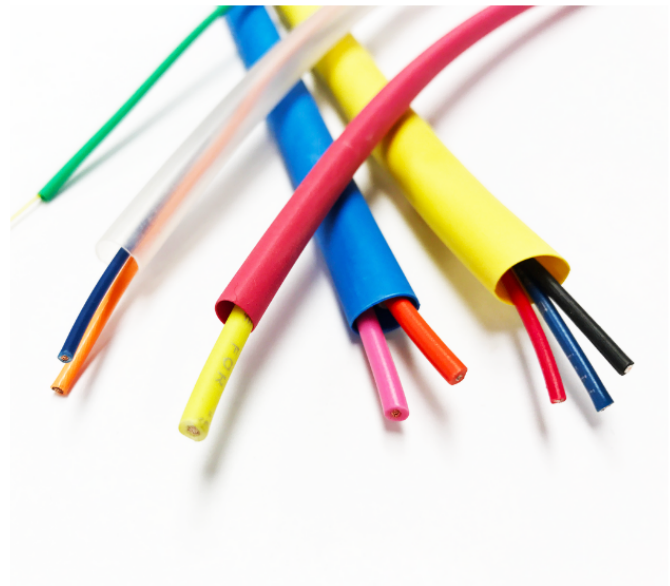


## **Providing You The Best Possible Product**

Sycor's cable management solutions can be used in almost any application. These products are typically utilized for electrical insulation, harness jacketing, and general protective covering. Sycor's line of wire management products can significantly help keep your wires together and protected in even the most difficult application settings.

## **As Well As Expert Technical Craftsmanship**

Wiring can be simplified tenfold with the additional organization that cable management offers. Our team offers a variety of different tubing and heat shrink cable management products that provide additional protection, all while making wire organization fast and painless.



Check out our VAS brochure to get a better idea of what services we can provide for your specific application or requirement, we carry a variety of options to aid in upgrading and organizing of your wire and cable components. You can find that brochure [here](#).



# Products:

## Electrical Sleeving: ASTM, NEMA, MIL-SPEC

130°C  
Fiberglass Sleeving  
Vinyl Coated  
Grades A, B, C  
Class B

155°C  
Fiberglass Sleeving  
Acrylic Coated  
Grades A, B, C  
Class F

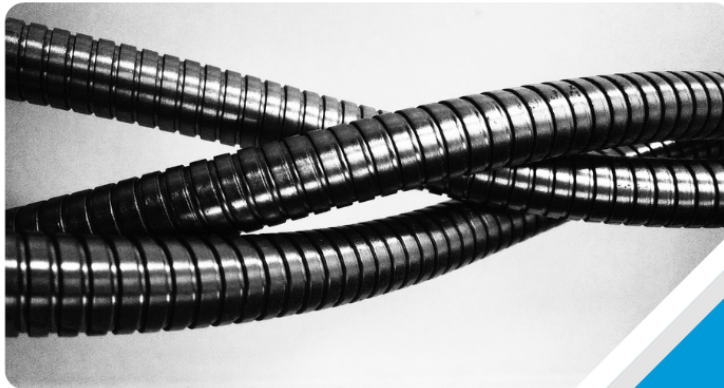
200°C  
Fiberglass Sleeving  
Silicone Rubber Coated  
Grades A, B, C  
Class H

- Braided Nylon Sleeving
- Expando Sleeving
- Conduit
- Split Loom
- Heat Treated Sleeving

(Coloured Available)

## Non-Shrink Tubing - MIL SPEC, CSA, UL, FR-1

- PVC - Low Temp (Flexible)
- PVC - General Purpose
- PVC - Heavy Wall
- PVC - Zippertubing
- Spiral Wrap
- PVC - Nylon - Teflon
- Paper Tube
- Nomex Tube
- Phenolic Tube
- Nylon Tube
- Polyethylene Tube
- Silicone Tube
- Neoprene Tube
- Rubber Tube
- TEFLON - Thin Wall
- TEFLON - Standard Wall
- TEFLON - Heavy Wall
- FEP Tubing
- Kynar Tubing
- Mica Tube
- Mylar Tube
- Kapton Tube



Sycor offers a wide range of tubing and sleeving products so you can have an expansive selection of products to choose from for your application! But we also realize that the market is always expanding, If you are looking for a specific product that isn't listed in our catalog reach out to [sales@sycor.com](mailto:sales@sycor.com). Our team is here to assist you with your product-sourcing needs.



# Products:

## Heat Shrink Products - CSA, UL, MIL-SPEC, FR-1

### Tools and Equipment:

- Wire Stripping Tools
- Wire Counters
- Heat Guns (Heat Shrink)
- Terminating Tools
- Splicing Tools
- Crimping Tools
- Cable Tie Installation Tools

### **Commercial Polyolefin**

-55°C to 105°C  
Shrink Ratio 2:1  
Irradiated

### **Flexible Polyolefin**

-55°C to 135°C  
Shrink Ratio 2:1  
Irradiated

### **Semi Rigid Polyolefin**

-55°C to 135°C  
Shrink Ratio 2:1  
Irradiated

### **FEP Heat Shrink Tube**

-55°C to 200°C  
Shrink Ratio 1.3:1

### **PVC Heat Shrink Tube**

-10°C to 105°C  
Shrink Ratio 2:1  
TW, SW, HW

### **Kynar Heat Shrink Tube**

-55°C to 175°C  
Shrink Ratio 2:1

### **PTFE Heat Shrink Tube**

-67°C to 250°C  
Shrink Ratio 2:1, 4:1  
ULW, TW, LW, HW

### **PEEK Heat Shrink Tube**

-70°C to + 240°C  
Shrink Ratio 1.4:1

### **Viton Tube**

-40°C to + 200°C  
Shrink Ratio 2:1

### **Additional Heat Shrinkable Products:**

- Neoprene Tube
- Silicone Tube
- Mylar Heat Shrink
- Adhesive Lined Heat Shrink

### **Heat Shrinks MIL-SPEC Designations**

- MIL-DTL-23053/2 - PVC
- MIL-DTL-23053/5 - Polyolefin
- MIL-DTL-23053/4 - Dual Wall Polyolefin
- MIL-DTL-23053/8 - Kynar
- MIL-DTL-23053/11 - Teflon FEP
- MIL-DTL-23053/13 - Viton



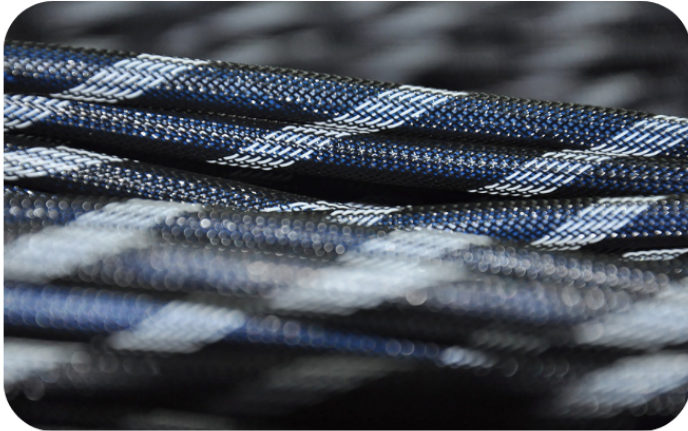
# Services:

## Tubing & Sleeve Cutting

Since many tubing and sleeving applications require custom lengths, Sycor provides custom cutting of all types of tubing and sleeving. Our automated state-of-the-art equipment allows us to keep cut tolerances accurate and eliminates costly mistakes incurred with hand cutting.

### **Applications:**

- For use with terminations, strain relief and/or protection.
- Simplifying assembly of harnesses and assemblies.
- Cost reduction due to less wasted material.
- Job requirements identified by custom lengths and colour coding.



### **Other Cable Management Products:**

#### Cable Markers

- Printed Heat Shrink Tube
- Printed Neoprene Tube
- Printed PVC Tube
- C-Clip
- Aluminum
- Cloth

#### Cable Ties

- Nylon
- PVC
- Teflon
- Strap
- Beaded
- Metal

#### Tapes

- Cotton
- Nomex
- Paper
- Kapton
- Mica
- Teflon
- Mylar
- PVC
- Varnished Cambric
- Polyester
- Polyethylene
- Silicone
- Fiberglass
- Acetate Butyl
- Specialty Tapes

#### Lacing

- Braid
- Tape
- Cord
- Fiberglass
- PVC
- Nylon
- Cotton
- Dacron
- Teflon

Streamline your process, save on material, and guarantee quality in the assembly of your components by utilizing our value-added services. Have any questions on the scope of what our expert technicians can do for you? Contact us at [info@sycor.com](mailto:info@sycor.com) for more information.







# Contact Us



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