

Heat Shrink Tubing & Non-Shrink Tubing

Cable Management



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Sycor's Heat Shrink and Non-Shrink tubing 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.

Heat shrink comes in a larger overall diameter than required in order to accommodate the wire and cable that need to be placed inside of it. Once the right amount of heat (depending on the material) is applied to it, the heat shrink will then contract to form a tight fit around the inner components. Our team also offers adhesive-lined heat shrink (also known as dual-wall), in which the inner walls of the tubing are coated in an adhesive substance. When heated to the right temperature, the adhesive liquefies and forms around the tubing's inner components, creating an even tighter, stronger bond.

Many people believe that wiring is a straightforward process when it's quite often not. From advanced electrical engineers to the average Joe, all forms of wiring can be simplified ten-fold with the additional organization that cable management offers, but that's not all. 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.

Heat Shrink & Tubing 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
HytreI	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	2,000	-70°C - 260°C	2	E
Tefzel	F	Excellent	E	400	-70°C - 150°C	2.7	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

PRODUCTS



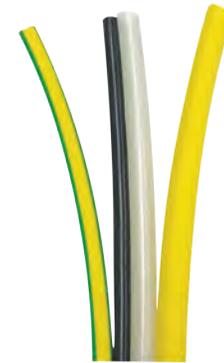
Heat Shrink & Non-Shrink Tubing Benefits:

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



Popular Non-Shrink Tubing Constructions:

- PVC Non-Shrink Tubing
- Polyethylene Tubing
- PTFE Spaghetti Tubing (Teflon)
- Silicone Tubing
- Re-Sealable Zipper Tubing
- Spiral Wrap



Popular Heat Shrink Tubing & Mil-Spec Designations:

- Polyolefin 2:1 Heat Shrink Tubing
- Polyolefin 2:1, 3:1 & 4:1 Dual-Wall Adhesive Lined
- PVC 2:1 Heat Shrink Tubing
- PTFE 2:1, 4:1 & Ultra Thin Heat Shrink
- Kynar® Heat Shrink Tubing
- Viton® 2:1 Heat Shrink Tubing
- MIL-DTL-23053/2 - PVC
- MIL-DTL-23053/5 - Polyolefin
- MIL-DTL-23053/5 - Dual Wall Polyolefin
- MIL-DTL-23053/8 - Kynar
- MIL-DTL-23053/11- Teflon FEP
- MIL-DTL-23053/13- Viton

Other Cable Management Products:

- Convoluted PTFE Tubing
- Corrugated Tubing - Split/Solid Loom
- Sleeving
- Wire Markers
- Lacing Cord
- Cable Ties (Flag Ties)



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