

Electrical Markets

3M™ Heat Shrink Products for Construction & Industrial Applications



Reliable Heat Shrink

Made in the **USA**



3M™ Heat Shrink Tubing



3M offers a broad range of US made heat shrink tubing at competitive prices that allow you to address your heat shrink needs while still taking pride in buying American. 3M™ Heat Shrink Tubing is designed to insulate and protect in a wide variety of electrical and mechanical applications. Buying from 3M provides the quality assurance that comes with a 100+ year old company synonymous with American innovation.

| Product | Description | Product Family |
|--|---|----------------|
| Thin Wall Tubing | Lightweight, tough and flexible. 3M™ Single Wall Tubing is the right choice for electrical insulation in many industrial and manufactured products. It's also dependable as a lightweight wire harness, wire marking, wire bundling, component packaging and fire-resistant cover. | FP-301 |
| Thin Wall Tubing with Adhesive (Dual Wall) | The outer wall resists abrasions. The meltable inner wall keeps out moisture. These are just two of the many reasons why 3M™ Thin Wall Tubing with Adhesive (Dual Wall) is a smart pick when you need to protect components and equipment in high moisture environments such as automotive and marine applications. | EPS-200 |
| | | ESP-300 |
| | | EPS-400 |
| | | MW |
| Heavy Wall Tubing | Demanding conditions call for heavy-duty abrasion protection. With 3M™ Heavy Wall Tubing, you can get the level of protection you want from a broad range of products. Choose the tubing you need based on the degree of temperature protection, dielectric strength, flexibility, chemical resistance, or moisture protection. | ITCSN |
| | | IMCSN |
| Specialty Polymer Tubing | 3M™ Specialty Polymer Tubing is tough. Designed for use in military aircrafts and vehicles that can operate in severe environments, this tubing can weather extremes such as high temperatures and exposure to oils or corrosive fluids. | MFP |
| | | NST |
| | | VTN |
| Bus Bar Tubing | Get durable and reliable protection that prevents failures and downtime in applications from 5 – 35 kV. 3M™ Heat Shrinkable Bus Bar Tubing covers and insulates rectangular, square or round bus bars, resists splitting and solvents, and provides excellent tracking resistance. | BBI |



| Made in USA | Shrink Ratio | Diameters | Operating Temperature | Colors | Packouts | Specification |
|-------------|----------------------|---------------------|--|--|--|---|
| | 2:1 | 3/64" through 4" | -67°F to +275°F (-55°C to +135°C) | Standard: Black, Blue, Clear, Green, Red, White and Yellow | Spools, Pieces in lengths up to 4', Kits | SAE-AMS-DTL-23053/5, Class 1, 2; UL; CSA; ABS |
| | 2:1 | 1/8" through 2" | -67°F to +230°F (-55°C to +110°C) | Standard: Black Also can make: Blue, Clear, Green, Red, White and Yellow | Pieces in lengths up to 4' | SAE-AMS-DTL-23053/4, Class 2; UL; CSA |
| | 3:1 | 1/8" through 1 1/2" | -67°F to +230°F (-55°C to +110°C) | Standard: Black and Red Also can make: Blue, Clear, Green, White and Yellow | Pieces in lengths up to 4', Kits | UL; CSA; ABS |
| | 4:1 | 0.3" through 0.7" | -67°F to +230°F (-55°C to +110°C) | Standard: Black | Pieces in lengths up to 4' | UL; CSA |
| | 2.5:1 | 1/8" through 1" | -67°F to +230°F (-55°C to +110°C) | Standard: Black Also can make: Blue, Clear, Green, Red, White and Yellow | Pieces in lengths up to 4' | SAE-AMS-DTL-23053/4, Class 1; UL; CSA |
| | 3:1 | 0.4" through 6" | -67°F to +230°F (-55°C to +110°C) | Standard: Black and Red | Pieces in lengths up to 4', Kits | UL 486D; CSA |
| | 3:1 | 0.4" through 4.3" | -67°F to +230°F (-55°C to +110°C) | Standard: Black and Red | Pieces in lengths up to 4', Kits | UL 486D; CSA |
| | 2:1 | 3/64" through 2" | -67°F to +347°F (-55°C to +175°C) | Standard: Clear | Pieces in lengths up to 4' | Meets performance claims of SAE-AMSDTL-23053/18, Class 1; SAE-AMSDTL-23053/8; UL; CSA |
| | 2:1 | 1/8" through 3" | -94°F to +250°F (-70°C to +121°C) | Standard: Black | Spools | SAE-AMS-DTL-23053/1, Class 1, 2; UL; SC-X-15112 |
| | 2:1 | 1/8" through 2" | -67°F to +392°F (-55°C to +200°C) | Standard: Black | Spools | SAE-AMS-DTL-23053/13 |
| | Sized to application | 3" through 10" | Can be used on Bus Bar rated up +230°F (+110°C) for 5, 8, 15, 25 and 35 kV voltage classes | Standard: Orange-Red | Spools | ASTM-D-257, 149, 150, 2303; IEC 216; ANSI/IEEE Std C37.20 |



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Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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80-6016-0613-2

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| | 3:1 | 1/8" through 1 1/2" | -67°F to +230°F (-55°C to +110°C) | Standard: Black and Red Also can make: Blue, Clear, Green, White and Yellow | Pieces in lengths up to 4', Kits | UL; CSA; ABS |
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