

Heat Shrink Tubing & Cable Accessories

Polyolefin · Kynar® · EVA | 2:1, 3:1, and 4:1 Shrink Ratios | Low to Medium Voltage

PRODUCT OVERVIEW

Mirabel Energy USA heat shrink products deliver high mechanical strength, reliable electrical insulation, and durable environmental protection across a full range of cable splicing, termination, and bundling applications. Manufactured from cross-linked polyolefin, Kynar®, or EVA compounds, heat shrink tubing activates with a standard heat gun to conform tightly to irregular cable geometries — providing a rigid, abrasion-resistant finish ideal for industrial, utility, and data center infrastructure. Available in standard 2:1 shrink ratio for general use and heavy-wall 3:1 / 4:1 constructions for demanding mechanical protection and strain relief requirements.

APPLICATIONS

- Cable splice insulation, termination, and strain relief
- Wire bundling, identification, and environmental protection
- Connector and terminal insulation in switchgear and MCC panels
- Data center power cable management and protection
- Industrial and utility cable repair and overmolding
- Corrosion protection on bus bars and overhead conductor connections

KEY FEATURES & SPECIFICATIONS

- Cross-linked polyolefin construction — 2:1 standard, 3:1 / 4:1 heavy-wall available
- Shrink activation at 90°C minimum using standard heat gun
- Operating temperature range: -55°C to 135°C
- High mechanical strength and abrasion resistance — rigid protective finish
- Self-extinguishing flame resistance per UL 224 / IEC 60684
- Available in Kynar® (PVDF) for chemical resistance and high-temp applications
- EVA formulations available for increased flexibility at low temperatures
- Halogen-free grades available | RoHS compliant | Custom lengths and colors

TECHNICAL DATA

Property	Standard Polyolefin	Heavy Wall	Test Method
Shrink Ratio	2:1	3:1 / 4:1	—
Operating Temp.	-55°C to 135°C	-55°C to 135°C	UL 224
Tensile Strength	≥10.5 MPa	≥13.8 MPa	ASTM D638
Elongation at Break	≥200%	≥300%	ASTM D638
Dielectric Strength	≥15 kV/mm	≥20 kV/mm	ASTM D149
Flame Resistance	Self-extinguishing	Self-extinguishing	UL 224
Voltage Rating	Low–Medium kV	Low–Medium kV	IEC 60684
Halogen-Free	Grade-dependent	Grade-dependent	IEC 60754

PART NUMBERS

AN102 · AN103 · AN104
Custom sizes available on request

STOCKING LOCATIONS

Reno, NV · Houston, TX
Standard & custom lengths stocked

OEM REPRESENTATIVE

GCP Energy LLC
portal.gcpenergy.us · Salt Lake City, UT