

For more Information
please call

1-800-Belden1



**Picture
Not Available**

General Description:

The Poly-Thermaleze® base coat is a cross-linked, modified polyester. Its top coat is an amide-imide polymer. Rated for 200°C usage, Belden heavy-armored Poly-Thermaleze has exceptional ability to resist solvents and abuse in difficult windings.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1 | 20 | Solid | BC - Bare Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material |
|---|
| Polyester |
| Polyester-Imide or Polyester-Amide-Imide Overcoated w/Polyamide-Imide |

Min. Increase in OD: 0.051 mm

Overall Cable

Overall Maximum Diameter: .0351

Mechanical Characteristics (Overall)

| | |
|------------------------------|-------------|
| Operating Temperature Range: | 200°C |
| Bulk Cable Weight: | 4.762 Kg/Km |
| Approximate Length: | 315 |
| Turns Per Linear Inch: | 28.9 |
| Turns Per Square Inch: | 835 |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|----------------------------|
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |
| Military Specification: | J-W-1177/14 |
| MIL Spec Rating: | Class 200, Type K2 (Heavy) |
| NEMA Specification: | NEMA-MW-35-C (Heavy) |

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

33.138

Max. Recommended Current:

Current

1.5 A

Breakdown Voltage: 5400 volts minimum at room temperature.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-------------------------|
| 8076 | 1 EA | 1.220 LB | | | #20 HVY ARM PT MAG WIRE |

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