

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            | 24  | 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: 0.002 in.

#### Overall Cable

Overall Maximum Diameter: .0227

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 1.260 lbs/1000 ft.

Approximate Length: 793

Turns Per Linear Inch: 44.7

Turns Per Square Inch: 1998

### 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

MIL 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/1000 ft) |
|--------------------------|
| 25.700                   |

Max. Recommended Current:

**Current**

.6 A

**Breakdown Voltage:** 4850 volts minimum at room temperature.

**Put Ups and Colors:**

| Item # | Putup | Ship Weight | Color | Notes | Item Desc               |
|--------|-------|-------------|-------|-------|-------------------------|
| 8078   | 1 EA  | 1.031 LB    |       |       | #24 HVY ARM PT MAG WIRE |

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