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please call

1-800-Belden1



**Picture  
Not Available**

### Description:

The Poly-Thermaleze® base coat is a cross-linked, modified polyester. Its top coat is an amide-imide polymer. Rated for 180°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	38	Solid	BC - Bare Copper

#### Insulation

##### Insulation Material:

Insulation Material
Polyester

Min. Increase in OD: 0.001 in.

#### Overall Cable

Overall Maximum Diameter: .0051

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 0.052 lbs/1000 ft.

Approximate Length: 19300

Turns Per Linear Inch: 206.0

Turns Per Square Inch: 42436

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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-1177/43

MIL Spec Rating: Class 200, Type PEAl (Heavy)

NEMA Specification: NEMA-MW-74-C (Heavy)

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

**Nom. Conductor DC Resistance:**
**DCR @ 20°C (Ohm/1000 ft)**

648.200

**Max. Recommended Current:**
**Current**

.023 A

**Breakdown Voltage:** 2150 volts minimum at room temperature.

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8085	1 EA	1.031 LB			#38 HVY ARM PT MAG WIRE

Revision Number: 2 Revision Date: 03-23-2010

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