

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	14	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: 0.076 mm

### Overall Cable

Overall Maximum Diameter: .0682

## Mechanical Characteristics (Overall)

Operating Temperature Range:	200°C
Bulk Cable Weight:	18.603 Kg/Km
Approximate Length:	80
Turns Per Linear Inch:	14.9
Turns Per Square Inch:	222

## 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)**  
8.203

**Max. Recommended Current:**

**Current**  
5.9 A

**Breakdown Voltage:** 6325 volts minimum at room temperature.

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8073	1 EA	1.220 LB			#14 HVY ARM PT MAG WIRE

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