

## 8083 Hook-up/Lead - Magnet Wire

For more Information  
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	34	Solid	BC - Bare Copper

**Insulation****Insulation Material:**

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

Min. Increase in OD: 0.001 in.

**Overall Cable**

Overall Maximum Diameter: .0078

**Mechanical Characteristics (Overall)**

Non-UL Temperature Rating:	200°C
Bulk Cable Weight:	0.130 lbs/1000 ft.
Approximate Length:	7860
Turns Per Linear Inch:	133.1
Turns Per Square Inch:	17716

**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-1177/14
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)**

261.300

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

.057 A

**Breakdown Voltage:** 2975 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
8083	1 EA	1.031 LB			#34 HVY ARM PT MAG WIRE

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