Beldsol is a dual insulated Magnet Wire, combining excellent dielectric characteristics of polyurethane and toughness and solvent resistance of a nylon overcoat. Rated by IEEE tests for 270°F usage and will solder without insulation removal at 750°F.

### General Description:

**Physical Characteristics (Overall)**

**Conductor**

<table>
<thead>
<tr>
<th># Conductors</th>
<th>AWG</th>
<th>Stranding</th>
<th>Conductor Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>26</td>
<td>Solid</td>
<td>BC - Bare Copper</td>
</tr>
</tbody>
</table>

Total Number of Conductors: 1

**Insulation Material:**

- PUR/Nylon - Polyurethane/Nylon

Min. Increase in OD: 0.001 in.

**Overall Cable**

- Overall Maximum Diameter: 0.0173

### Mechanical Characteristics (Overall)

- Non-UL Temperature Rating: 130°C
- Bulk Cable Weight: 0.780 lbs/1000 ft.
- Approximate Length: 645
- Turns Per Linear Inch: 59.0
- Turns Per Square Inch: 3481

### Applicable Specifications and Agency Compliance (Overall)

**Applicable Standards & Environmental Programs**

- EU Directive 2011/65/EU (ROHS II): Yes
- EU Directive 2002/95/EC (RoHS): Yes
- EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004
- CA Prop 65 (CJ for Wire & Cable): Yes
- MII Order #39 (China RoHS): Yes
- MIL Spec Rating: Class 130, Type SUN, Single
- NEMA Specification: NEMA-MW28-C (Single)

**Plenum/Non-Plenum**

- Plenum (Y/N): No

### Electrical Characteristics (Overall)

- **Nom. Conductor DC Resistance:**
  - DCR @ 20°C (Ohm/1000 ft): 41.000

- **Max. Recommended Current:**
  - Current
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

8053  Hook-up/Lead - Magnet Wire

36 A

Breakdown Voltage: 2300 volts minimum at room temperature.

Put Ups and Colors:

<table>
<thead>
<tr>
<th>Item #</th>
<th>Putup</th>
<th>Ship Weight</th>
<th>Color</th>
<th>Notes</th>
<th>Item Desc</th>
</tr>
</thead>
<tbody>
<tr>
<td>8053</td>
<td>1 EA</td>
<td>0.531 LB</td>
<td></td>
<td></td>
<td>#26 BELDSOL MAG WIRE</td>
</tr>
</tbody>
</table>

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

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