TEMPERGARD 2000
HIGH-TEMPERATURE LEAD WIRE

450°C/600V and 538°C/600V

RATINGS / APPROVALS
450°C - 600 Volts - Continuous temperature rating under normal service conditions
538°C - 600 Volts - Temporary temperature rating for short periods
Maintains circuit integrity 2.5 hrs under ICEA T-29-520
210,000 BTU/hr Vertical Cable Tray Flame Test
RoHS Compliant

CONSTRUCTION
Conductors
18 AWG - 2 AWG
Stranded nickel-coated copper - 27%
(Other conductor materials available)

Insulating System
Reinforced mica glass tape
Fiberglass braid with high temperature finish
Fire barrier tape wraps
PTFE moisture and fluid barrier

Outer Covering
Braided fiberglass with high temperature finish

Standard Color Coding
Black or Natural

CHARACTERISTICS
• Moisture, oil, fluid, and abrasion resistant
• Composed of flame-impervious inorganic materials
• Withstands mechanical abuse
• Not recommended for outdoor use

Radix Wire
26000 Lakeland Boulevard, Euclid, OH 44132
Tel: 216 731-9191 • Fax: 216 731-7082
www.radix-wire.com

Revised 12/16
### Tempergard 2000 450°C(538°C)/600V

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Awg Size</th>
<th># Strands</th>
<th>Outer Dia. inches</th>
<th>Outer Dia. mm</th>
<th>Wgt. (lbs/Mft)</th>
<th>Wgt (kg/km)</th>
<th>Min. Bend Radius (in)</th>
<th>UL</th>
<th>CSA</th>
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<td>BKT18C016</td>
<td>18</td>
<td>16</td>
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Standard conductor: Nickel Coated Copper - 27%
Consult factory for alternative conductor and stranding options.