

## POLIFLEX C

<b>Characteristics</b>	
<b>Thermal class (temperature index)</b>	H (>200 °C)
<b>Chemical composition</b>	
Base resins	Polyimide
Overcoat	-
Bonding coat	-
<b>Reference to the International Standards</b>	IEC 60317-7 NEMA MW 1000 spec. MW 16-C/71C CEI 55-2/7
<b>UL – approval</b>	-
<b>Diameters range</b>	
grade 1 (L)	Ø 0,200 ÷ 0,800 mm
grade 2 (2L)	Ø 0,200 ÷ 0,800 mm
<b>Thermal endurance at 20.000 hours according to AIEE 57</b>	230 °C
<b>Tangent cross point to the tg δ curve</b>	250 °C
<b>Cut-through temperature</b>	
Ø 0,050 mm	-
Ø 0,500 mm	Higher than 450 °C
<b>Heat shock to IEC standard</b>	
Ø 0,300 mm	Higher than 400 °C
Ø 0,500 mm	Higher than 400 °C
<b>Significant properties</b>	<ul style="list-style-type: none"> <li>• Highest thermal class &gt;200 °C</li> <li>• Excellent electrical chemical and thermal characteristics superior to any other enamelled wire</li> </ul>
<b>Recommended applications</b>	This wire is the most suitable for special windings exposed to extreme mechanical and thermal stress as in nuclear and space fields