

## CEMENFLEX 200

<b>Characteristics</b>		
<b>Conductor material</b>	Copper	Aluminium
<b>Thermal class (temperature index)</b>	Cu: H (200 °C)	Al: H (200 °C)
<b>Chemical composition</b>	Polyesterimide-THEIC	
<b>Base resins</b>	Polyamide-imide	
<b>Overcoat</b>	Aromatic Polyamide	
<b>Bonding coat</b>		
<b>Reference to the International Standards</b>	Copper	Aluminium
	IEC 60317-38	Irce Internal Standard
<b>UL – approval</b>	File E 60641	
<b>Diameters range</b>	Copper	Aluminium
<b>grade 1 (L)</b>	Ø 0,132 ÷ 1,500 mm	Ø 0,200 ÷ 1,500 mm
<b>grade 2 (2L)</b>	Ø 0,132 ÷ 1,500 mm	Ø 0,200 ÷ 1,500 mm
<b>Cut-through temperature</b>	-	
<b>Ø 0,050 mm</b>	Higher than 330 °C	
<b>Ø 0,500 mm</b>		
<b>Heat shock to IEC standard</b>	Higher than 300 °C	
<b>Ø 0,300 mm</b>	Higher than 300 °C	
<b>Ø 0,500 mm</b>		
<b>Significant properties</b>	<ul style="list-style-type: none"> <li>• Improved chemical and mechanical stability due to the Amide-Imide overcoat</li> <li>• Resistance to increased temperatures, humidity and refrigerants</li> </ul>	
<b>Recommended applications</b>	<ul style="list-style-type: none"> <li>• Top quality thermosetting wire of triple layer construction, particularly suitable for one-phase, three phase and universal motors, magnetic spools up to and including thermal class H-200 °C</li> </ul>	