

POLIFLEX C

Characteristics	
Conductor material	Copper
Thermal class (temperature index)	H (>240 °C)
Chemical composition	
Base resins	Polyimide
Overcoat	-
Bonding coat	-
Reference to the International Standards	IEC 60317-7 NEMA MW 1000 spec. MW 16-C/71C
UL – approval	-
Diameters range	
grade 1 (L)	Ø 0,200 ÷ 0,800 mm
grade 2 (2L)	Ø 0,200 ÷ 0,800 mm
Cut-through temperature	
Ø 0,050 mm	-
Ø 0,500 mm	Higher than 450 °C
Heat shock to IEC standard	
Ø 0,300 mm	Higher than 400 °C
Ø 0,500 mm	Higher than 400 °C
Significant properties	<ul style="list-style-type: none"> • Highest thermal class >220 °C • Excellent electrical chemical and thermal characteristics superior to any other enamelled wire
Recommended applications	This wire is the most suitable for special windings exposed to extreme mechanical and thermal stress as in nuclear and space fields