POLIFLEX 200

Characteristics		
Conductor material	Copper	Aluminium
Thermal class (temperature index)	Cu: H (>200 °C)	Al: H (>200 °C)
Chemical composition **Base resins** **Overcoat** **Bonding coat**	Polyesterimide-THEIC Amide-imide -	
Reference to the International Standards	Copper	Aluminium
	IEC 60317-13 NEMA MW 1000 spec. MW 35-C/MW 73-C	IEC 60317-25 NEMA MW 1000 spec. MW 35-A/MW 73-A
UL – approval	File E 60641	
Diameters range	Copper	Aluminium
grade 1 (L) **grade 2 (2L)**	Ø 0,080 ÷ 2,500 mm Ø 0,011 ÷ 6,000 mm	Ø 0,150 ÷ 5,000 mm Ø 0,150 ÷ 5,000 mm
Cut-through temperature **Ø 0,050 mm** **Ø 0,500 mm**	- Higher than 340 ºC	
Heat shock to IEC standard **Ø 0,300 mm** **Ø 0,500 mm**	Higher than 300 ºC Higher than 300 ºC	
Significant properties	• Excellent winding characteristichs due to the high resistance to abrasions and to the good surface smoothness • Excellent thermal resistance (>200 °C) • Very high resistance to impregnating varnishes and to humidity • Very low percentage of extraction with perchloroethylene with Danfoss method • Excellent resistance to transformers oil	
Recommended applications	Motors, hermetic compressors motors, oil filled transformers, ballasts and in general electric assemblies operating at very high temperature up to 200 °C	