

CEMENFLEX 155

Characteristics		
Conductor material	Copper	Aluminium
Thermal class (temperature index)	Cu: F (155 °C)	Al: F (155 °C)
Chemical composition	Modified polyurethanes with polyester	
Base resins	-	
Overcoat	-	
Bonding coat	Polyamide	
Reference to the International Standards	Copper	Aluminium
	IEC 60317-35	Irce Internal Standard
UL – approval	-	-
Diameters range	Copper	Aluminium
grade 1 (L)	Ø 0,020 ÷ 1,400 mm	Ø 0,200 ÷ 1,500 mm
grade 2 (2L)	Ø 0,100 ÷ 1,400 mm	Ø 0,200 ÷ 1,500 mm
Cut-through temperature	-	
Ø 0,050 mm	-	
Ø 0,500 mm	215 ÷ 235 °C	
Heat shock to IEC standard	-	
Ø 0,300 mm	230 ÷ 240 °C	
Ø 0,500 mm	220 ÷ 230 °C	
Significant properties	<ul style="list-style-type: none"> • Directly solderable • Self-bonding takes place under thermal or solvent action 	
Recommended applications	<ul style="list-style-type: none"> • Suitable for self-supporting TV deflection coils, small motors, loudspeakers coils. 	