

FIBERGLASS INSULATED WIRE		
Characteristics		
Conductor material	<ul style="list-style-type: none"><li>• Copper soft or with controlled proof stress (CPR)</li><li>• Aluminium soft</li></ul>	
Type of insulation	E-glass, alkali free varnish-impregnated Type of varnish for impregnation: <ul style="list-style-type: none"><li>• polyurethane (TI 155)</li><li>• polyesterimide (TI 180)</li><li>• epoxy (TI 155)</li><li>• epoxy B-stage (TI 155)</li></ul>	
Insulation options	<ul style="list-style-type: none"><li>• 1 or 2 layers tangentially lapped</li><li>• 2 layers cross lapped</li><li>• Insulation increase to IEC 60317-0-4</li></ul>	
Standards	<ul style="list-style-type: none"><li>• IEC 60317-31</li><li>• IEC 60317-32</li><li>• Customer Specification</li></ul>	
Standard range of dimensons cross-section (mm2) width (mm) thickness (mm) ratio w/t	Copper	Aluminium
	2 to 120	5 to 120
	2,00 to 20,00	4,00 to 20,00
	1,00 to 6,00	2,00 to 6,00
	< 10	< 10
Applications	<ul style="list-style-type: none"><li>• Power generators</li><li>• Traction motors</li></ul>	