

NOMEX INSULATED WIRE

Characteristics		
Conductor material	<ul style="list-style-type: none"> • Copper soft or with controlled proof stress (CPR) • Aluminium soft 	
Type of insulation	<p>Options:</p> <ul style="list-style-type: none"> • aramide paper Nomex 410 • aramide paper Nomex 418 <ul style="list-style-type: none"> • dielectric strength can be increased by using enamelled wire theic-modified polyester-imide with polyamide-imide overcoat (class 200) 	
Insulation options	<ul style="list-style-type: none"> • butt lapped • overlapped up to max. 66% • registrated • intercalated multiple layers • uni-directional or cross lapped 	
Standards	IEC 60317-52 (round wire) IEC 60317-53 (rectangular wire) Customer Specification	
Standard range of dimensions	Copper	Aluminium
cross-section (mm²)	2 to 120	5 to 120
width (mm)	2,00 to 20,00	4,00 to 20,00
thickness (mm)	1,00 to 6,00	2,00 to 6,00
ratio w/t	< 10	< 10
Applications	<ul style="list-style-type: none"> • Dry-type transformers • Electrical machines and generators 	