

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	Options: <ul style="list-style-type: none">• aramide paper Nomex 410• aramide paper Nomex 418• diaelectric 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%• intercalated multiple layers• uni-directional or cross lapped	
Standards	<ul style="list-style-type: none">• IEC 60317-52 (round wire)• IEC 60317-53 (rectangular wire)• Customer Specification	
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">• Dry-type transformers• Electrical machines and generators	