PACK LitzWire

family owned since 1933

Overview magnet wire (enamelled copper wire)

Product	Magnet wire, solderable		
Description	RUPOL®V 155 *)	RUPOL®V 180	RUPOL®V 155 / NY
Thermal index	155°C	180°C	155°C
Standards IEC DIN NEMA	60 317-20 46416 part 2 MW 79	60 317-51 MW 82	60 317-21 MW 80
Insulation	mod. Polyurethane	mod. Polyurethane	Polyurethane + Polyamide
Diameter	0.02 - 2.0 mm	0.02 - 2.0 mm	0.02 - 1.6 mm
Special features	Solderable at 375°C, good winding ability, gute Wickelfähigkeit. Special version: easily solderable at 260°C	Solderable at 375°C, good winding ability	Solderable at 390°C, good winding ability
Special versions	2% - 5% tolerance of Ohm value for symmetrical coils		

*) with UL certification

Product	Magnet wire			
Description	RUPEX® WV 180	RUPEX® W 200	RUPEX® W 210	RUPEX® W 240
Thermal index	180°C	200°C	210°C	240°C
Standards IEC DIN NEMA	60 317-23 46416 part 5 MW 77	60 317-8 MW 74	60 317-13 46416 part 7 MW 35	60 317-7 MW 16
Insulation	Polyesterimide	Theic-mod. Polyesterimide	Theic-mod. Polyesterimide + Polyamidimide	Polyimide
Diameter	0.02 - 6.0 mm	0.02 - 6.0 mm	0.02 - 6.0 mm	0.0124 - 2.8 mm
Special features	Solderable at 450°C, good winding ability	Good winding ability	Resistant to high abrasion	Excellent resistance to high temperatures, excellent chemical resistance

Product	Self-bonding Magnet wire	
Description	RUTHERM® VB 155	RUTHERM® VB 180
Temperature index	155°C	180°C
Standards IEC DIN NEMA	60 317-35	60 317-36
Insulation enamel	Base coat: mod. Polyurethane Bond coat: Polyvinyl Butyral	Base coat: modified Polyurethane Bond coat: modified Polyamide
Diameter	0.02 - 0.50 mm	0.02 - 1.0 mm
Special features	Solderable at 375°C. Suitable for manufacture of coils with no coil core	High thermal resistance of the base coat. Suitable for manufacture of coils with no coil core
Special versions	Self-bonding Duroplast on request	

Rudolf Pack GmbH & Co. KG Am Bäuweg 9-11 D-51645 Gummersbach-Derschlag Telefon: +49 (0) 22 61 / 95 67-0 Telefax: +49 (0) 22 61 / 95 67-67 E-Mail: info@packlitzwire.com www.packlitzwire.com