Heat resisting sleeve 1KV

ABOUT THIS PRODUCT

This is a Class F electrical insulating sleeving impregnated with acrylic resin/ making it a tough and flexible insulation material. It possesses good electrical and mechanical strength and has excellent compatibility with Class F impregnating resins and varnishes, making it ideal for protecting electrical conductors and terminals. ***Please note**: Care should be taken to minimise dust formation during handling and cutting this glass based material as dust or broken particles may cause skin irritation.*

Note: Standard colour: Yellow and Black
Other diameters supplied

23 Ullswater Crescent
Coulsdon
Surrey
CR5 2UY
TEL: +44(0) 20 8668 1481
WEB: www.croylek.com
EMAIL: sales@croylek.co.uk

FEATURES AND BENEFITS

- Good flexibility – electrical properties maintained after flexing
- Good temperature resistance
- Excellent chemical resistance (oils, fluids, aggressive chemical agents)
- Good mechanical resistance
- Halogen free
- Non fraying
- Good abrasion resistance
- Compatible with most insulating varnishes

APPLICATIONS

- Harnessing
- Mechanical protection
- Electrical insulation
- Motor and transformers
- Lighting
- Domestic appliances

MATERIAL DATA

Product Code	200
Material	Acrylic Coated Braided Fibre Glass
Standard Colour	Natural, Black, Red
Operating Temperature – ˚C	-25 – +155
Relevant Specifications	IEC 60684 Part 2, UL1441

DIELECTRIC STRENGTH

Test	Method	VAC10
IEC 60684	250 mm.Inst. B/D Central Value (kV)	0,8
IEC 60684	250 mm.Inst. B/D Central Value (kV)	0,7
UL 1441	25 mm.Inst B/D (kV)	1,0

Handling

Care should be taken to minimize dust formation during handling and cutting this glass based material as dust or broken particles may cause skin irritation. The use of barrier creams on exposed areas will minimize the risk of skin irritation. For product safety data and product disposal advice, see separate Safety Data Sheet.

TECHNICAL TABLE

Property	Test	Result
Heat Resistance	Bending after heating IEC 60684 Part 2 Clause 13 48 hours at 180˚C	No cracking or detachment of coating shall be visible and the original colours shall be clearly recognisable
Flammability	Flame propagation IEC 60684 Part 2 Clause 6 Method A Vertical with mandrel	Extinguishes within 60 seconds
Cold Resistance	Bending at low temperature: IEC 60684 Part 2 Clause 14 At -70˚C	No cracking or detachment of coating shall be visible

DIMENSIONS

Reference	Nominal bore (mm)	Bore tolerance (mm)	Minimum Wall thickness (mm)	Standard Packaging (m)
VAC15_ _005	0.5	+ 0.20	0.20	400
VAC15_ _010	1.0	+ 0.20	0.25	300
VAC15_ _015	1.5	+ 0.20	0.25	300
VAC15_ _020	2.0	+ 0.20	0.25	200
VAC15_ _025	2.5	+ 0.20	0.25	200
VAC15_ _030	3.0	+ 0.30	0.25	200
VAC15_ _040	4.0	+ 0.30	0.35	200
VAC15_ _050	5.0	+ 0.30	0.35	100
VAC15_ _060	6.0	+ 0.30	0.35	100
VAC15_ _070	7.0	+ 0.30	0.35	100
VAC15_ _080	8.0	+ 0.50	0.35	100
VAC15_ _100	10.0	+ 0.50	0.35	100
VAC15_ _120	12.0	+ 0.50	0.45	50
VAC15_ _140	14.0	+ 0.50	0.45	50
VAC15_ _160	16.0	+ 0.50	0.45	50
VAC15_ _180	18.0	+ 0.50	0.55	50
VAC15_ _200	20.0	+ 0.50	0.55	25
VAC15_ _220	22.0	+ 0.50	0.60	25
VAC15_ _250	25.0	+ 0.50	0.60	25