

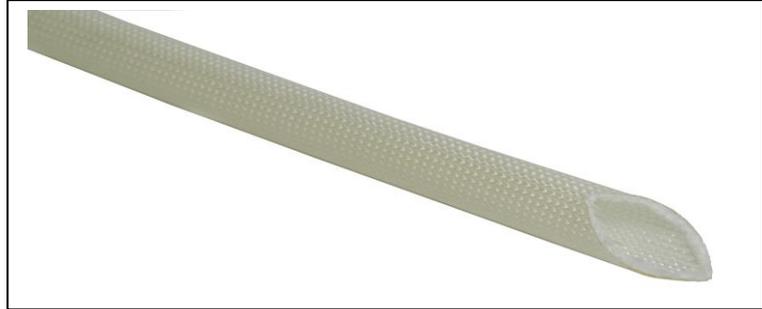
Poly Coated Glass Sleeve

ABOUT THIS PRODUCT

Produced using the latest U.V. cure technology to create an excellent, consistent durable coating, this material has a high dielectric strength and is easy to handle. This braided fibreglass sleeving is coated with polyurethane varnish

Please note: 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.

Note: Other diameters supplied upon request



FEATURES AND BENEFITS

- Good chemical resistance
- Excellent compatibility with Class F impregnating resins and varnishes
- Tough, abrasion resistant and highly flexible
- Resists contact with soldering iron
 - Solvent free
- Free of environmentally hazardous and contaminating chemicals, completely different from conventional polyurethane coating

APPLICATIONS

- Electrical insulation
- Protection for electrical connections and terminals
- Transformer wiring

MATERIAL DATA

Product Code	231
Material	Polyurethane coated fibreglass
Standard Colour	Natural
Operating Temperature – °C	-40 – +155 (Peaks at +225)
Dielectric Strength – kV	4
Relevant Specifications	IEC 60684-3, UL 1441

TECHNICAL TABLE

PROPERTY	TEST	RESULT
Thermal overcharge and ageing resistance	Simulation of real operating conditions	Maintains its flexibility at +175°C Resist several hours at +225°C Resists 60 days at 190°C
Flammability	UL 1441	Passes horizontal flame test
Cold Resistance	UL 1441	Passes cold bend test
Flexibility	UL 1441	Passes. There are neither cracks to be observed on the surface of the sleeving, nor does the varnish film come off
Chemical resistance	Simulation of real operating conditions	<ul style="list-style-type: none"> • Good resistance to solvents (xylene, ethyl alcohol, trichloroethane,...) • Good resistance to fluids (styrene, ASTM oil n° 2, acetone) • Good compatibility with Class F insulating varnishes.

Nominal bore (mm)	Bore tolerance (mm)	Minimum Wall thickness (mm)	Standard Packaging (m)
0.5	+ 0.20	0.28	400
0.8	+ 0.20	0.35	300
1.0	+ 0.20	0.38	300
1.5	+ 0.30	0.38	300
2.0	+ 0.30	0.38	300
2.5	+ 0.30	0.46	200
3.0	+ 0.30	0.46	200
3.5	+ 0.30	0.46	200
4.0	+ 0.40	0.51	200
4.5	+ 0.40	0.51	200
5.0	+ 0.50	0.51	200
6.0	+ 0.50	0.51	100
7.0	+ 0.50	0.51	100
8.0	+ 0.50	0.64	100
9.0	+ 0.60	0.64	100
10.0	+ 0.60	0.64	100
11.0	+ 0.60	0.64	100
12.0	+ 0.60	0.64	50
14.0	+ 0.70	0.64	50
16.0	+ 0.70	0.64	50
18.0	+ 0.90	0.64	50
20.0	+ 0.90	0.64	50
22.0	+ 0.90	0.64	25
25.0	+ 0.90	0.64	25