F GRADE FIBERGLASS SLEEVING
COATE WITH POLYURETHANE

F grade fiberglass sleeving coated with polyurethane is manufactured with non-alkali fiberglass braided sleeving and coated with polyurethane and then thermosetted to form F grade insulating sleeving. It possesses reliable heat resistance, good qualities of dielectric, fair softness and elasticity, flame resistance. It can be used for wiring insulation and as mechanic protection for motors, electrical appliances, electrical instruments, wireless sets and domestic electrical appliances.

Dimensional Requirements

Nominal bore dia	Tolerance	Wall Thickness	
		Minimum	Maximum
1;1.5	±0.15	0.20	0.75
2;2.5	±0.20	0.20	0.75
3	±0.25	0.20	0.75
3.5;4;5;6	±0.25	0.30	0.75
7;8	±0.50	0.40	0.90
9;10;12;14;16;18;20	±0.50	0.40	0.90
23;25;27	±0.50	0.40	1.00

Property Requirements

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Resistance to soldering beat	Pass,(only for sleeving having nominal bore dia, up to and including 5mm)		
Bending after heating	No crashing or detachment of the coating shall be visible and the original color shall be clearly recognizable after 48±1hr,at 180±3℃.		
Thermal endurance, Temperature index at 20000 hours	155℃		
Breakdown Voltage, KV, min Straight mandrel with 25mm electrode	Room temp.	Related temp.	Damp heat
Central value Lowest individual value	4.0 2.5	1.6 1.0	1.2 0.8

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