



PU Fiber Glass Sleeveings



VIDFLEX CLASS 150 PU FG INSULATING SLEEVES

Features

- No Tackiness
- Smooth and Shiny Surface
- Operating Temp (-25 to 155°C)
- Uniform Diameter
- Good Varnish Stability
- Continous Length results in minimal wastage

Description

Vidflex PVFG Series Insulating sleeveings is a coated fiberglass sleeveing made by applying flexible polyurethane varnish to a closely and neatly woven electrical grade fiberglass braid.

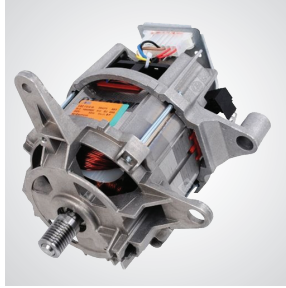
Vidflex PVFG has excellent electrical, chemical and oil resistance properties together with high thermal stability and flexibility.

Vidflex Pvfg is recognised by Underwriting Laboratories under UL file no.
And Dupont Insulation system under file no.

Application

Vidflex PVFG is compatible to all impregnating varnish and impregnation system making it ideally suitable for leads and crossovers in frictional and integral horsepower motors, dry and oil filled transformers, generators, welding equipments, relays and moisture resistance equipments.

Vidflex PVFG is used extensively for protection & lead insulation of consumer appliances, electrical motors, lighting fixtures, stove, ovens, furnace, relays, control panels, automobile, marine, aerospace & electrical components such as coils, environmental instruments & others where high electrical and mechanical properties are required.



Properties

Physical Properties	Unit	Grade A	Grade B
Diameter	mm	0.5-2.5	0.5-2.5
Tolerance	mm	+/- 0.25	+/- 0.25
Diameter	mm	3-25	3-25
Tolerance	mm	+/- 0.50	+/- 0.50
Diameter	mm	26-30	26-30
Tolerance	mm	+/-1.0	+/- 1
Wall Thickness	mm	≥0.60	≥0.50
	mm	+/- 0.10	+/- 0.10
Flexibility		Excellent	Excellent
Chemical			
Compatibility with Impregnating Varnish		Good	Good
Bending			
At Room Temperature		No sign of crack & detachment	
At 150° C for 24 Hrs		No sign of crack & detachment	
Breakdown Voltage in Air	Kv	≥4	≥3
Breakdown Voltage at Max Operating Temperature	Kv	≥3	≥2.5
Insulation Resistance in Normal Conditions	M-Ohms	≥100	≥100

Test Method

BS 2848-1973 & IEC-60394-2 & UL 1441

Availability

Diameter: 0.5 mm to 30 mm

Length: Continuous

Color: Black, White & Natural. Other colors available on request

Standard Packing: In coils & spools

Storage

Shelf Life: Unlimited

Health And Safety

Vidfex is non toxic. All hygiene and safety standards should be followed while using.

Disclaimer

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application