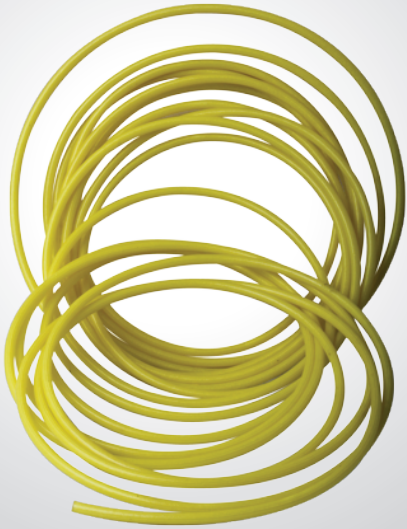




Acrylic Fiber Glass Sleeveings



VIDFLEX CLASS 150 ACRYLIC 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 sleeving made by applying acrylic varnish to a closely and neatly woven electrical grade fiberglass braid.

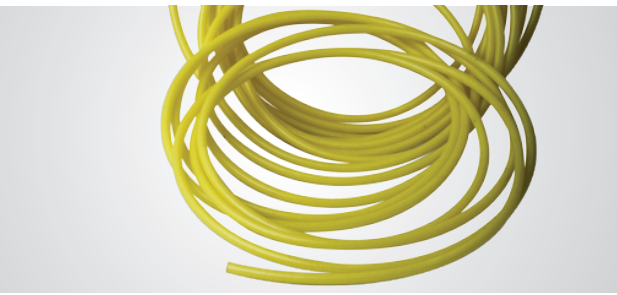
Vidflex PVFG has excellent electrical, chemical and oil resistant properties together with high thermal stability and flexibility for ease of push up and recovery.

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 resistant equipments.

Vidflex PVFG is used extensively for protection & lead insulation of consumer appliances, electrical motors, lighting fixtures, stoves, ovens, furnace, relays, control panels, automobile, marine, aerospace & electrical components such as coils, enviromental 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 | +/-1 |
| Wall Thickness | mm | >0.50 +/- 0.10 | >0.40 +/- 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 Hours | | No sign of crack & detachment | |
| Breakdown Voltage in Air | Kv | ≥4.0 | ≥2.5 |
| Breakdown Voltage at Max operating Temperature | Kv | ≥3.0 | ≥1.5 |
| 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

Vidflex 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