



Surge Rope/ Support Cord/ Glass Filled Cord



VIDCORD GFC

Features

- Higher Compressibility and resilience
- Soft and easy to use
- Higher Tensile Strength with zero% shrinkage
- Good Resin wet out
- Wide Range of Dimensions

Description

VIDCORD GFC end bracing 100% glass fiber cord is thick, neatly and closely woven braided outside with (dextrine) oil-free, electrical grade glass yarn filled with several parallel glass fibre fillers.

Higher tensile strength, compression and low shrinkage makes it ideal choice for bracing and end winding of VPI processed electrical machines.

VIDCORD GFCA impregnated on outer braid with zinc napthanate is suitable for epoxy anhydride system.

VIDCORD is recognized by Underwriting Laboratories under UL file No. E318161

And Dupont Insulation system under file no. E57692

Application

VIDCORD GFC and GFCA quickly absorbs all impregnating varnish or resin due to the simplicity of the winding process with dry coils during VPI application which forms a rigid support to the overhang portion of the coils in low and high voltage electrical machines.



Properties

Physical Properties	Unit	Values							
Diameter	mm	5	7	11	14	16	20	25	30
Mass per unit Length.	Gm/mtr.	Min-17 Max-23	Min-28 Max-38	Min-54 Max-66	Min-82 Max-98	Min-98 Max-122	Min-144 Max-176	Min-205 Max-255	Min-270 Max-330
Surface Treatment (Fabric Dressing) presence of Amino Silane in the braiding.		Positive							
Presence of oil dextrine in filling and braiding.		Negative							
Compressibility Remaining Thickness relative to diameter under load of 30N per cm. length.	%	40-55							
When relieved		>80							
Burn Out Mass Content	%	≤2							

Test Method

IS-5352;5353;ISO 1887;Tm 97251-97 (Internal Document)

Availability

Diameter: 3mm to 50mm

Length: upto 11mm: 100mtrs to 200mtrs;13 to 30mm: 50 mtrs; 35mm and over: 25 mtrs

Standard Packing: - In coils & spools.

Health and Safety Hazards

Vidcord gfc is non toxic All hygiene and safety standards should be followed

Storage

Vidcord Gfc should be stored in cool, clean and dry condition

Shelf Life

Unlimited

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