



Surge Rope/ Support Cord/ Polyster Glass Filled Cord



VIDCORD PGFC

Features

- Higher Shrinkage, Compressibility and resilience
- Soft and easy to use
- Good Resin wet out
- Wide Range of Dimensions
- No Skin irritation

Description

VIDCORD PGFC end bracing high tenacity polyester glass fiber cord is thickly, neatly and closely braided with (dextrine) oil-free, electrical grade glass yarn filled with several parallel glass fibre fillers.

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

VIDCORD PGFC impregnated on outer braid with zinc naphthanate 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 PGFC 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

Description	Unit	Values					
Surface treatment (fabric dressing) presence of aminosilane in the braiding	---	Positive					
Presence of oil-dextrine in filling and braiding		Negative					
Compressibility Remaining Thickness, relative to the diameter Under a load of 30 N per cm length	%	40-55					
When relieved		>80					
Burn-out loss	%	≤2					
Diameter in mm	Mass per unit of total length of braiding g/m and permitted deviations			Mass per unit of length of braiding g/m and permitted deviations			
	Min	Nom	Max	Min	Nom	Max	
5	12.5	14	15.5	6	7	8	
7	20	22	24	8	9	10	
9	30	33	36	9	10	11	
11	40	44	48	12.5	14	15.5	
14	60	65	70	15.5	17	18.5	
16	79	85	91	16	18	20	
18	98	105	112	20	22	24	
20	127	135	143	25	27	29	
25	175	190	205	32	35	38	
30	270	290	310	38	42	46	
35	325	350	375	20	25	30	
40	400	440	480	40	45	50	
50	510	560	610	32	38	44	
60	800	850	900	40	45	50	

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



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.

Storage

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

Shelf Life

Unlimited

Health and Safety Hazards

Vidcord pgfc is non toxic

All hygiene and safety standards should be followed.

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