

**M/s DHANSHREE IMPEX**, An ISO 9001: 2008 Certify Mfgr & Exporters of Glass Fiber Pultrusion Profiles. A part of Polymer Composite Pultrusion technology, we draw sections in Epoxy/ polyester/ Venylester resin for different electrical mechanical strength and different Temp Class.

Established in year 2007, & having An experience more then 5 year, We produce glass fiber profiles in high quality, with higher electrical and mechanical strength supply thought India and more then 12 countries. Inclusive of USA, South Africa, Uk, Australia, Austria, Indonesia, Malaysia, Thailand Turkey etc etc and more.

**DHANSHREE IMPEX** is producing Pultruded Glass fiber rod, Threaded rod, Nut, Strip/ Flat, Dog bone, Corner Angle, Tubes, Angle, Channel, Square Pipe & Some Structural Profiles.

We supply a variety of Fiberglass Epoxy and Polyester Pultruded profiles. These sections being made from epoxy resin and glass fibers combined together give an excellent performance that combine high strength and excellent electrical insulating characteristics for use in a variety of applications where electrical insulation and non corrosive material is required.

**Areas of Application:**

1	Transformers (Dry & Power Distribution Type)	10	Cable Tray Supports
2	Reactors (Dry type, Air & Iron Core Reactors)	11	Induction Furnaces
3	On /Off Load Tap Changers	12	Fertilizer Plants
4	Polymer / Composite Insulators	13	Chemical Refineries
5	Lighting Arrestors	14	Power Generation Plants
6	Telescopic Discharge Rods	15	Textile Industries
7	Switchgears	16	Heavy Motors
8	D. O. Fuse / G.O.A.B Switches	17	On / Off Shore Industries
9	Battery Stands	18	Cooling Towers

**Characteristics are :**

Non Metallic, Non corrosive, Non Conductive, Higher electrical/ Mechanical Strength, easily Fabricated, Use in Structural engineering, Electrical, Chemical, mechanical and Civil engineering sectors

## Our Product Range:

### Fiberglass/FRP Dog bone: ( Epoxy/ Polyester/ Venylester) Class F ( 155°C )

Applications: Dry Type Transformers, Air Core Reactors, Line Load Reactors etc.

FG Dog bone sections are available in both Epoxy & Polyester.

Standard Sizes available (mm):

Part No.	A	B
DB-8/6-E/P/V	8	6
DB-8/10-E/P//V	10	8
DB-12/10-E /P/V	12	10



### Fiberglass/FRP Corner Angle: ( Epoxy/ Polyester/ Venylester) Class F ( 155°C )

Applications: Dry Type Transformers, Air Core Reactors, Line Load Reactors etc.

FG Corner Angles are available in both Epoxy & Polyester.

Standard Sizes available (mm):

Part No.	A	B	C	D	R1
CANG-6/6-E	20.0	8.9	6.0	6.0	10.0
CANG -8/8-E	22.8	12.9	8.0	8.0	12.5
CANG -13/8-E	28.7	14.5	13.0	8.0	22



**Fiberglass/FRP Round Tubes: Epoxy/ Venylester/ Polyester Class F ( 155°C )**

Applications: Power & Distribution Transformers D.O. Fuse, G.O.A.B Switches, Telescopic Rods, Earthling Discharge Rods, Garden Tools, Sporting goods & various other applications.

Standard Sizes Available (mm):

Part No.	I.D.	O.D.
FG Tube-14/20-E/P/V	14.0	20.0
FG Tube-14/22-E/P/V	14.0	22.0
FG Tube-22/17-E/P/V	17.0	22.0
FG Tube-25/17-E/P/V	17.0	25.0
FG Tube-19/25-E/P/V	19.0	25.0
FG Tube-14/25-E/P/V	14.0	25.0

**Glass Fiber Threaded rod ( GRP/ FRP Threaded rod & nut ) Class F ( 155°C )**

Fiberglass/FRP Fasteners (Threaded Rods, Studs, Nuts & Washer ):

Application: Used for assembling purpose in various applications.

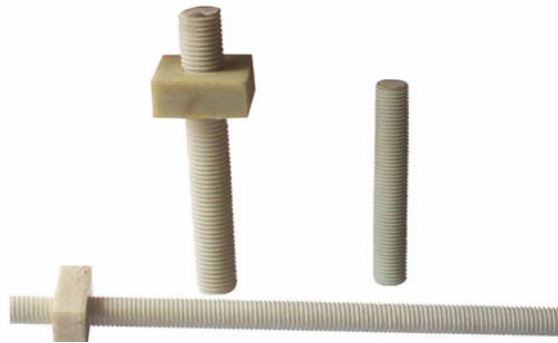
**Threaded rod :**

M 10, M 12, M 16, M 18, M 20, M 22, M 24, M 30

**Square Nut :**

M 10, M 12, M 16, M 18, M 20, M 22, M 24, M 30

Standard Length in 450, 600, 750, 900 & 1000 mm



**Fiberglass / FRP / ECR Rod: Epoxy/ polyester/ Venylester : Class F ( 155°C )**

Application: Polymer/Composite Insulators, HV/LV Switchgears, On/ Off Load Tap Changers, Tents & Various other applications.

Size of FRP/ ECR rods

Dia , 8,10,12, 16, 18, 20, 22, 25, 30.mm



**Fiberglass/FRP Angle / Channel/ Flats: (Epoxy \Polyester / Venylester) Class F ( 155°C )**

Application: Transformers, MV/LV Switchgears, Control Panel, Cable Trays, Ladders, Building Construction and various other applications,



Part No.	Thickness	Width
FG Strip-	6 mm	5 to 50 mm
FG Strip-	8 mm	5 to 50 mm
FG Strip-	10 mm	5 to 50 mm
FG Strip-	12 mm	5 to 50 mm
FG Strip-	16 mm	5 to 50 mm
FG Strip-	20 mm	5 to 50 mm

1. Angle size 50 x 35 x 5 mm
2. Channel: 80 x 30 x 4 mm / 80 x 30 x 5 mm, 158 x 9 x 3 mm
3. Squire Pipe, 25 x 25 x 3 mm with 19 mm round Hole
4. Squire bar ; 25 x 25 mm

**Testing Result as per ERDA Reports.**

<b>Sr. No</b>	<b>Type test</b>	<b>Particular of test (Standard of test)</b>	<b>Requirement as per Standard</b>	<b>Obtain Value</b>	<b>Remarks</b>
1	Water Absorption after 24 hrs Immersion in water at 25 °C, %	ASTM D 570-81	Max 0.2	0.03	Confirm
2	Arc Resistance, Sec	ASTM D 495-99	-	Central :203	Confirm
3	Flexural Strength, Kg/ Cm <sup>2</sup>	ASTM D 349-99	Min. 5000	7889	Confirm
4	Dielectric Strength Ac ( Proof Test) In oil at 90 °C Axial , Kv / mm (across 25 mm width)  Radial Kv / mm Measured thickness : 3.0 mm	ASTM D 149-09  ASTM D 149-09	Sample shall withstand 50kv/25mm for one minute without Breakdown  Sample Shall Withstand 30 kv (@ 10 kv/ mm ) For one Minute without Breakdown	Sample withst ood 50kv/25mm for one minute wit hout Breakd	Confirm  Confirm
5	Comparative Tracking Index- Volts Nature of : Original Smooth surface	IEC 60112-2003	Min. 600	>600	Confirm
6	Splitting Resistance N	IS: 10192-1982	Min. 4000	9392	Confirm
7	Glass Content %	BS : 2782-Pt10-1977	80 +_ 5	80	Confirm
8	Insulation Resistance after 24 hrs immersion in water at 25 °C ohms	ASTM D 257-07	Min. 1x10 <sup>10</sup>	2x10 <sup>10</sup>	Confirm
9	Specific Gravity @ 27 °C	ASTM D 792-08	2 +_ 0.2	2.1	Confirm

For More Details, pls contact to undersign address

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