

# Trefoil Clamp



## Satyam Glass Fiber Filled Trefoil Clamps

SATYAM Trefoil clamps are used for keeping three single core cables in Trefoil arrangement which helps to maintain magnetic symmetry thereby to avoid current loss and the heating of electromagnetic.

SATYAM Trefoil clamps have been manufactured by molding process from Virgin Glass Filled Nylon materials. Glass filled nylon materials are used to increase the flexibility of the clamp & to avoid the breaking the clamps from the hook while the tightening procedure of the three single core cables.

SATYAM Trefoil clamps are used for high voltage single core Copper / Aluminum Armoured cables where the current rating is high and three cables are not easily to laying down.



**SATYAM COMPOSITES PVT. LTD.**

ISO 9001:2008 Certified Company

# SATYAM Trefoil Clamps passed the Short Circuit Current Test of 50KA for 1 sec at ERDA (Recognized by the Govt. of India).



Three single core cables are fixed in to the Trefoil clamps by means of Bolts, Nuts & Washers are commonly SS hardware or MS Zinc passivated, which depends upon the Customer's request.

Aluminum Trefoil Clamps can also be supplied as per Customer's Requirements.

## Advantages of SATYAM Trefoil Clamps

- High Mechanical Strength
- Reduce Breaking chances of Hooks due to Glass filled Nylon material.
- Long Life as not affected by Atmosphere, Chemicals & Acids.
- Some Variation of cable diameter also can be fixed easily & gives the good mechanical strength due to its special Design.

## Required Tests for Trefoil Clamps

- Tensile Strength as per ASTM D 638-91
- Flexural Strength as per ASTM D 790-92
- Surface Resistivity as per ASTM D 257
- Volume Resistivity as per ASTM D 257
- Izod Impact Strength as per ASTM D 256
- Melting Point as per ASTM D 314
- Short Circuit Current Test of 50 KA for 1 Sec

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