



THE COMPOSITE EXPERT...

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CORROSION FREE **COMPOSITE SOLUTIONS**

Advantages of FRP/GRP/ FIBERGLASS

-  Corrosion/Chemical Resistance
-  High Strength
-  Light Weight
-  Electrical Non Conductivity
-  Thermal Non Conductivity
-  EMI/RFI Transparent
-  Ease of Fabrication
-  Low Life Cycle Cost
-  Less Environmental Impact
-  Termite Proof
-  Flame Retardant



>> and many more ...



Technical Properties

	11kV Cross Arm/Top Hampers	33 kV Cross Arm/Top Hampers
FRP Cross Arm		
FRP Section used	45 x 75 (box section)	55 x 110 mm (box section)
Length	1150 mm (as per REC specifications)	1605 mm (as per REC specifications)
Clamping holes	18 mm dia spaced at 200 mm c/c	18 mm dia spaced at 230 mm at center
Holes for pin insulators	22 mm dia spaced at 1070 mm c/c passed REC	22 mm dia spaced at 1525 mm c/c at center
Mechanical strength	Specification in X and Y direction at 300 and 100 Kgs.	Specification in X and Y direction at 400 and 135 Kgs.
FRP Top Hampers		
FRP Section used	45 x 75 (box section)	55 x 110 mm (box section)
Length	255 mm	280 mm (as per REC specifications)
Clamping holes	18 mm dia holes spaced at 175 mm at center	18 mm dia spaced at 200 mm at center
Holes for pin insulators	22 mm dia holes at center	26 mm at center

Advantages Over Conventional Cross Arm

PROPERTIES	STEEL	WOOD	FIBRE GLASS
INSULATION	GOOD CONDUCTOR	BAD CONDUCTOR	INSULATOR
CORROSION	HIGH CORROSION	ROTS & DETERIORATES	NON CORROSIVE
WEIGHT	HEAVY	HEAVY	LIGHT
INSTALLATION	CUMBERSOME	CUMBERSOME	EASY
BIRD FAULT	VERY HIGH	NIL	NIL

FIBERGLASS
ADVANTAGE



SUCCESS IS ALL
ABOUT MAKING
RIGHT CHOICES!

WHY AERON

- » DESIGN & ENGINEERING SERVICE
- » CUSTOM SOLUTIONS
- » SHORT DELIVERY PERIOD
- » FABRICATION & ASSEMBLY
- » HIGH QUALITY
- » OPTIMUM INVESTMENT

Grow with us..





Fiberglass Cable Tray



Fiberglass Structural Profiles



Fiberglass Ladder



Trefoil Clamp



Fiberglass Handrails



Fiberglass Pultruded Gratings



Fiberglass Canopy



Fiberglass Fencing



Fiberglass Molded Gratings



Fiberglass Poles & Mast



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