

# ENERGY

WE ENERGIZE  
THE WORLD

# COMPOSITE INSULATORS

PATENTED MODULAR SYSTEM  
FOR ALL RAIL APPLICATIONS



# IN FAVOUR OF MOSDORFER RAIL'S INSULATORS

FOR BEST PERFORMANCE

# INSULATORS

Available from  
750 V DC, 3 kV DC,  
15 kV and 25 kV AC.  
Mosdorfer Rail can also  
provide tailor made  
solutions.



Designed and tested  
according to:  
EN 50119  
EN 50124  
EN 62621  
EN 61109  
EN 61952  
EN 62217

The HTV housing is of overmoulded design and moulded in a single piece. It encapsulates the triple point (meeting of end fitting, silicone and core rod) making the interface impervious to moisture.

HTV silicone rubber, also known as High Consistency Rubber (HCR) is used for best pollution performance. This silicone housing is chemically bonded to the core ensuring long term electrical stability. The adhesive strength of this interface is stronger than the cohesive strength of the silicone itself.

FRP cores are manufactured from boron free E-CR and an epoxy resin system. Acid and brittle fracture resistant providing long term mechanical stability.

- 1 High Temperature Vulcanizing
- 2 Fibre Reinforced Plastic
- 3 Electrical and Corrosion Resistant

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Independently tested at  
ISO 17025 accredited  
laboratories.



#### Benefits

- Cast and forged fittings for all railway applications
- Eight point circumferential crimping
- High strength to weight ratio
- Cost efficient
- Many different assembly variants possible
- Intelligent fitting design allows many different cantilever geometries

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