

CASING INSULATOR

PRODUCT DATA SHEET

(BOLTLESS INTERLOCKING TYPE)

DESCRIPTION

The insulators are accessories for water, oil and gas pipelines, to be used wherever there is a crossing under railways, highways and/or rivers. Insulators FF is the best solution for every specific necessity / pipe diameter and is available in three variants.

- ▶ Model FAST which is a strip with skids, to be cut to required size on site and fixed by plastic straps
- ▶ Model MINI and MIDI comprises of insulator and longitudinal grip wedge
- ▶ Model MAGNUM comprises of insulator and trapezoidal grip wedge C



FEATURES AND BENEFITS

- ▶ Ensure electrical insulation of the carrier pipe from the casing pipe (due to absence of metallic parts)
- ▶ Allow easy insertion of the carrier pipe into casing without damaging the coating
- ▶ Allow placement of hoses and/or cables along the piping
- ▶ Withstand mechanical and thermal shocks that happen during inserting operations
- ▶ FF insulators are easy to install, using a simple hammer. No special tools or self-amalgamating tapes are required, saving time and money

CALCULATION AND RINGS NUMBER

It is recommended to use double insulator at each crossing end in order to avoid problems during inserting operations and load distribution. The exact quantity of insulators (**N2**) for each crossing Length **{L}** is: $N2 = \frac{L}{I} + 3$
Where (I) is the distance between two insulators (spacing, usually 2 m)

PRODUCT PROPERTIES

Type	Skid Height (mm)	Load Capacity (kg)	Type	Skid Height (mm)	Load Capacity (kg)
MF Fast	15-25	100	MF Midi	25-41-60	1200
MF Mini A	25-41	500	MF Magnum	25-41-60-75-90	3000
MF Mini B	25-41	500	MF Magnum B	25-41-60-75-90	3000

ORDERING INFORMATION

- ▶ Carrier Pipe Outer Diameter
- ▶ Casing Pipe Inner Diameter
- ▶ Skid Height
- ▶ Length Of Pipe

Please read all information in the general guidelines, product data sheets, guide specifications, and material safety data sheets (MSDS) before applying the material. Published technical data and instructions are subject to change without notice. Contact your local SNI India LLP representative or visit our website for current technical data and instructions.

Disclaimer

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and accurate. However, the accuracy and completeness of these tests are not guaranteed and should not be construed as a warranty, either expressed or implied. It is the user's responsibility to independently determine the suitability of the product for their intended use, application, and job situation. The user assumes all risks and liabilities arising from the use of the product. We do not guarantee that any hazards listed herein are the only potential hazards. Neither the seller nor SNI India LLP shall be liable to the buyer or any third party for any injury, loss, or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements, whether written or oral, outside of those contained herein shall not be binding on the manufacturer unless confirmed in writing and signed by a corporate officer of SNI India LLP. Technical and application information is provided to establish a general profile of the material and proper application procedures. Test performance results were obtained in controlled environments, and SNI India LLP makes no claim that these tests or any other tests accurately represent all environments.