

Pipe Insulation Support

Pipeline insulation support brackets, also referred to as insulating supports or spacer blocks, are critical components used in pipeline systems, specifically where a carrier pipe passes through a casing, such as under roads, railways, or rivers. Their primary functions are to centrally support the carrier pipe within the casing, prevent metal-to-metal contact, and most importantly, provide electrical insulation to ensure the effectiveness of the pipeline's cathodic protection system, thereby

KEY FEATURES

1. Excellent protective performance
2. Excellent dielectric performance
3. Excellent heat insulation performance
4. Good chemical stability
5. Construction and installation are simple.
6. Long service life.

PRODUCT SPECIFICATIONS

Primary Material: High-Density Polyethylene (HDPE)

Product Dimensions(mm):

Φ219/273/325/406/508/610/660/711/813/914/1016/
1219/1422

Tensile Strength: $\geq 35\text{MPa}$

Compressive Strength: $\geq 20\text{MPa}$

Impact Strength: $\geq 8\text{J/mm}$ or kJ/m^2

Volume Resistivity: $\geq 1 \times 10^{14} \Omega \cdot \text{m}$

Dielectric Strength (Breakdown Strength): $\geq 20\text{MV/m}$

Insulation Resistance (After Installation): $\geq 1000\text{M}\Omega$

APPLICATIONS

Directional crossing for pipeline construction

