

## Insulating Flange

Insulating Flange is a specialized pipeline flange connector designed to simultaneously provide buried steel pipeline-grade sealing performance and electro-chemical corrosion protection-grade electrical insulation.

### PRODUCT SPECIFICATIONS

**Material:** carbon steel, stainless steel, alloy steel

**Medium Temperature:** -10°C to +60°C

**Environment Temperature:** -20°C to +60°C

**Insulation Resistance:**  $\geq 500K\Omega$

**Breakdown Voltage:**  $\geq 3KV$

**Pressure Range:** PN1.0~40MPa

**Production Dimensions:** DN50~DN1200

### APPLICATIONS

1. Energy Transmission Pipelines
2. Industrial Pipeline Systems
3. Station Insulation Isolation



## Insulating Joint

Insulated Joint is a critical pressure component in the cathodic protection systems of buried metal pipelines. Its primary function is to block the conduction of electrical current between pipeline sections, thereby effectively controlling corrosion and ensuring system safety.

### PRODUCT SPECIFICATIONS

**Material:** 16Mn/X70 steel, non-destructive testing (100% radiographic testing)

**Breakdown Voltage:**  $\geq 35KV$

**Insulation Resistance:**  $\geq 5 \times 10^9 \Omega$

**Production Dimensions:** DN15~DN1200

**Medium Temperature:** -40°C to +100°C

**Sealing Structure:** Double sealing structure (O/U ring)

**Pressure Range:** PN1.0~PN40MPa

### APPLICATIONS

1. Energy Transmission Pipelines
2. Industrial Pipeline Systems
3. Station Insulation Isolation

