



Pipeline Monolithic Isolation Joint

ERAM Technologies, strongly rooted in petrochemical field of application as one of the main players in supplying of Special Components used on Pipeline and Piping Process, has implemented the range of his own products with the Pipeline Isolating Joints.

ERAM Technologies supplies pipeline Monolithic Isolation Joints for both onshore and offshore projects. Saving in the overall cost of corrosion control system is just one of the benefits of using Isolation Joint.

Pipeline Isolating Joints are used worldwide for permanently controlling the flow of electrical currents or electrically isolating pipe sections in pipes and piping systems. Effective management of cathodic protection programs results from the use of these highly reliable substitutes for flanged insulating systems.

Other benefits include protection against earthing currents at domestic and industrial premises, isolation of pipeline cathodic protection system, and to ensure that cathodic protection or stray currents do not cause increased corrosion.

Pipeline Isolation Joints are designed to meet and satisfy very high-pressure services up to 20,000 psi. Upon request, we can supply Mono-Block Insulation Joints according to Client specification.

Missions

- Consolidate our position in the market, keeping the same quality
- Hydrogen pipelines application development
- Pipeline and Piping Systems Safety Devices
- Completion of Our Patents related to new products
- Increase the range of scope of supply to our customers

The Pipeline Insulation Joints:

- Eliminates short circuits.
- Eliminates field assembly.
- Eliminates maintenance.
- Is less expensive.
- Is coated both internally and externally.
- Is 100% electrically tested.
- Is completely weld inspected.
- Is manufactured in accordance with ISO9001:2000 and specifications.



ERAM Technologies Detail

ERAM in Latin means “I was”; hence, the essence of working matter and transforming it into technology to serve man and the environment.

After over 30 years of experience in designing technology components in the Oil & Gas industry, the choice of creating a new Company to provide design and construction expertise for the proposed products.

ERAM Technologies Team

Our team is made up of professionals that are always capable of assist Customers and supply the best solution for Client's needs.

A single partner able to assist You in a timely manner and that never leaves alone during the whole process of supply. A partner to contact for any need.

We are Italians and the passion we put into our job is the same we have inside of our hearts.

ERAM Technologies locations

Accounting Office:

Via Paraboschi 7 - 29010 - Gragnano Trebbiense (PC) - Italy

Engineering Office:

Via Olaf Palme 41 - 41015 - Nonantola (MO) - Italy

Operative Unit and Big Sizes Production:

Via Marcheselli 9 - 29122 - Piacenza (PC) - Italy

Small and Medium Sizes Production Unit:

Parma (PR) – Italy



Pipeline Isolation Joint Specification

Pipeline Isolation Joints shall be boltless and completely factory assembled in accordance with the appropriate requirements of ASME, ASTM, API, DIN and BS codes. Insulation material is a thermosetting fibreglass epoxy material. NEMA G10/11. Sealing system shall be by two Standard "O" ring seals. Interior and exterior coating by epoxy or customized paint system. Dielectric Resistance @ 5 KV – Isolation Resistance > 100 Mohm Design According to ASME B31.3/4/8 – Design Verification ASME VIII Div.I/II

