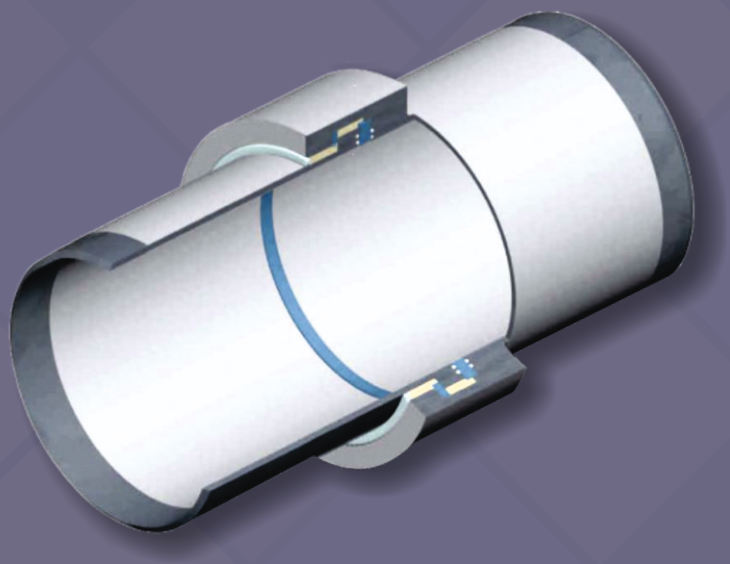
NUSEAL MONOLITHIC INSULATION JOINTS



Nupros Inc.

NUSEAL MONOLITHIC INSULATION JOINTS

Much of the world runs on pipelines. When you drive your car, the fuel that you use will probably have passed under pressure through pipelines at some stage. The water that you drink, likewise, just like the gas that you use to heat your dinner. And these pipelines has monolithic insulating joints. This is because pipelines are subject to corrosion, just like any metal object that is exposed to the elements. Whether overground, underwater or buried underground, pipelines need to be protected against damage from water and the air, as well as electric currents generated by lightning.

Monolithic Isolation Joints that are used to provide electrical isolation and cathodic protections in pipeline, tanks and pumping station where petroleum gas & water are carrier fluids. In addition, these Monolithic Isolation Joints are also used to provide electrical sectioning and passive protection against corrosion on inlet and outlet pipes of meters, tanks and pumping station. The Monolithic Isolation Joints offered by NUPROS INC. are manufactured using quality material and do not require any kind of maintenance.The usage of monolithic isolating devices in cathodically protected systems is considered by NACE SP0286-2007.

ADVANTAGES OF NUSEAL MONOLITHIC JOINTS

Previously, oil and gas firms have often relied on less effective and required time bound maintenance using insulating flange kits. With the need to avoid industrial accidents and financial losses through leakages, it made sense to invest in the most efficient way to safeguard pipelines against insulating gasket kits.

PRODUCTION RANGE

SIZE	From ½" up to 100" and over
RATING	From ANSI 150 to ANSI 2500, API 10000 and over
END CONNECTIONS	Butt welded, WNRF, RF, RTJ or per Clients spec.

NUPROS INC. MANUFACTURING CAPACITY :

NUSEAL Monolithic joints Nuproc Inc. has state of art manufacturing facility to accommodate any volume and size ordered, to cater this Nupros Inc. has 15000sq of factory primises and 8000sq workshop floor area with 2nos of 5 Ton overhead cranes.

Nupros Inc. is loacted in Industrial area (GIDC) 20 KM form Vadodara city.

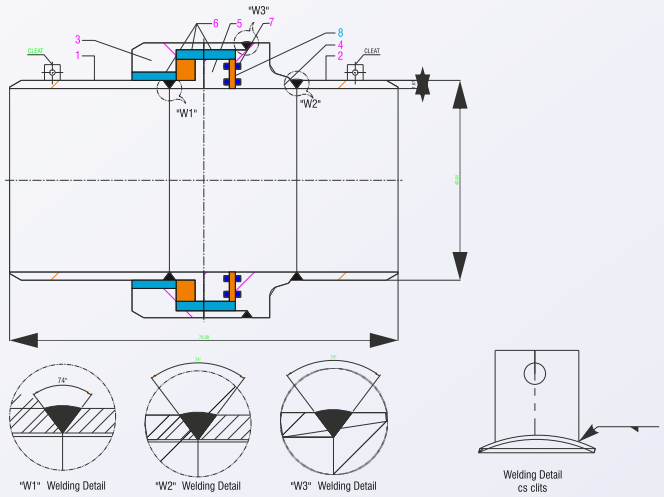
NUPROS INC. TECHNICAL FACILITY

Nupros In. has in house testing facility of Hydrotesting, Pneumatic testing, vaccum testing, Hydrobend test rig, Eletrical insulation testing , High voltage testing, Coating thickness gauge , measuring instuments are callibrated to national standards, physical / chemical / micro / hardness test are carried bu NABL approved lab.

Nuseal Monolithic joints Technial specification

Nupros Inc. offers NUSEAL monolithic joints in various piping grade, pressure class, design temp, corrosion allowance, testing requirements, joint length, electrical properties and coating thickness as per clients specification

Nuseal Monolithic joints basic tech spec along with cross section view is as under



Sealing system offered by Nupros Inc. are set of O rings, sets of square seals or Useal for high pressure.

NUSEAL Monolithic joints Basic Technical Data Sheet

CERTIFICATION	EN 10204 3.1 or 3.2
NDT PUP Bevels	100% MT/UT/ASME V – ASME VIII
NDT W3 Closure Weld	100% MT/UT/ASME V – ASME VIII
NDT W1-W2 Butt Weld	100% RT/UT/ASME V – ASME VIII
Pneumatic Test	>2 Bar 10 Min
Hydrostatic test	At test Pressure or as per Customer requirements
Hydro- fatigue test	5 Cycles at 80% TP or as per Customer requirements
Vacuum Test	As per customer specification.
Combined hydro bending test	Up to 90% of SMYS
Torsional Test	5% of SMYS
Nacl immersion test	1% of Nacl solution
Helium Leak Test	As per customer specification.
Insulation Rasistance	>50M
DielectricStrength Test	2 to 10 kv (AC) % 50Hz (1-5 min)
Design Code	ASME VIII D.I –ANSI B 31.8/4
Design Factor	0.2 to 0.72
Max allowable lords	up to 95% SMYS-Based On Customer requirements
Insulation	NEMA G10/G11 Thermoseting Epoxy Composite
Internal Coating	>150 Micron
External Coating	>150 micron
For painting	
* Adhesion test	As per customer specification.
* Holiday test	As per customer specification.
* Wet sponge method	As per customer specification.

WE ARE BECAUSE OF THEM

Indian Oil Corporation Limited

GAIL

GUJARAT GAS

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MAHANAGAR GAS

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ऑयल इंडिया लिमिटेड
Oil India Limited

ONGC
एमआरपीएल
MRPL

Chemie-Tech

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EMERSON

Petrofac

شركة نفط الكويت
Kuwait Oil Company

KEC
KEC International Limited

MAZOUN
More than just Procurement

Sabarmati Gas Ltd.
(A Joint Venture of GSPC and BPCL)

أدنوك
ADNOC

BssTech
A SAIT GROUP COMPANY

ENGINEERS INDIA LIMITED
A Navratna Company

Worley
energy | chemicals | resources

TRACTEBEL
ENGIE



THINK GAS
खुल के सांस लो

MADE IN INDIA

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