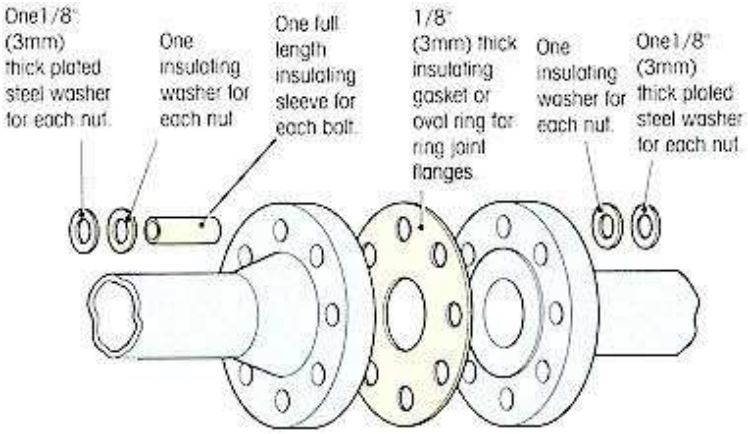
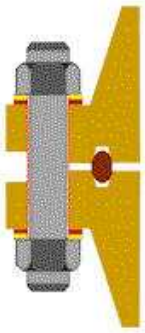
FLANGE INSULATION KIT +540 °C
EME-FIK

Cathodically protection.

Flange insulation kits offer effective cathodic protection against corrosion in flanged piping systems.



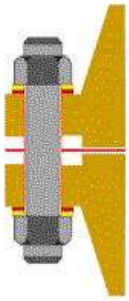


Type D – Ring joint flanges (RTJ)

Material gasket:
reinforced phenolic

Material insulating sleeve:
phenolic, mylar or polyethylene

Material insulating washer:
reinforced phenolic



Type E – flat face and raised face flanges

Type F – central gasket locates inside the bolts

Material gasket:
reinforced phenolic or high di-electric strength non-asbestos

Material insulating sleeve:
phenolic, mylar or polyethylene

Material insulating washer:
reinforced phenolic

Maximum operating temperatures

Polyethylene: 66 °C
Phenolic: 107 °C
Mylar: 180 °C
High dielectric strength non-asbestos: 540 °C

Issue 2008

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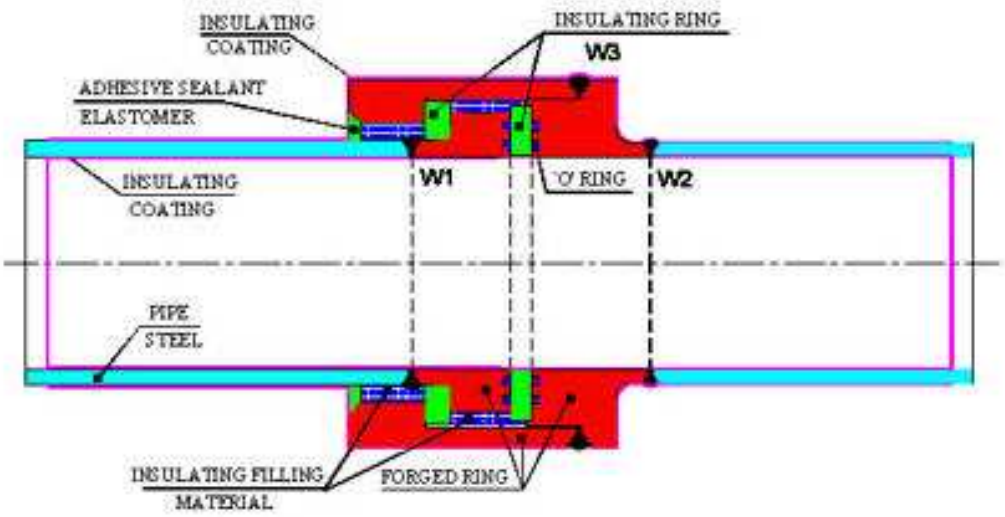
MONOLITHIC INSULATION JOINT
EME-MIJ

Cathodically protection.

Monolithic Insulation Joints offer effective cathodic protection against corrosion in piping systems. The cathodically protected surfaces are isolated from the unprotected by installing Monolithic Insulation Joints.

Ease of installation.

The joints are pre-assembled at workshop and to be welded to the pipelines at site. Monolithic Insulations Joints are superior to insulation kit gasket assemblies.



Fields of application.

Crude oil underwater pipelines, LPG bullets, offshore drilling pipelines and cross country pipelines.

Size & Pressure.

Size from 2" to 42"
Pressure rating from 150 lb to 1500 lb

Characterisctics.

Insulation resistance: > 200Mega ohms @ 1000V DC
Dielectric strength: > 5 kV for 1 minute
Other sizes or thicknesses upon request

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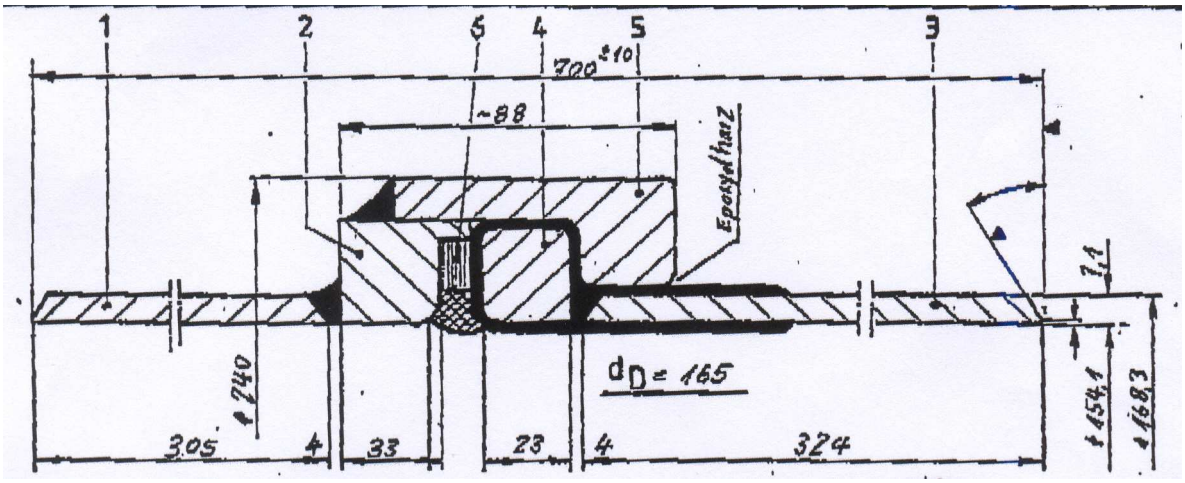
INSULATING JOINT DN 150
EME-IJ-150



Part	Qty.	Finished size	Material
1	1	Pipe Ø 168.3 x 7.1 x 305	StE 360.7
2	1	Ring Ø 218/ 154 x 33	St 52.3
3	1	Pipe Ø 168.3 x 7.1 x 324	Ste 360.7
4	1	Ring Ø 214 / 154 x 23	St 52.3
5	1	Ring Ø 240 / 175 x 70	St. 52.3
6	1	Insulation DN150 PN100	Based upon Perbunan

Remark: Part 2, 4 and 5 can be supplied in alternative material StE 360.7

Total weight: 35 kg
Working pressure: 100 bar g
Test pressure: 200 bar g

Dielectric test

500V DC > 0.1 M Ohm
5000 V/ 50 Hz, max. 5 mA

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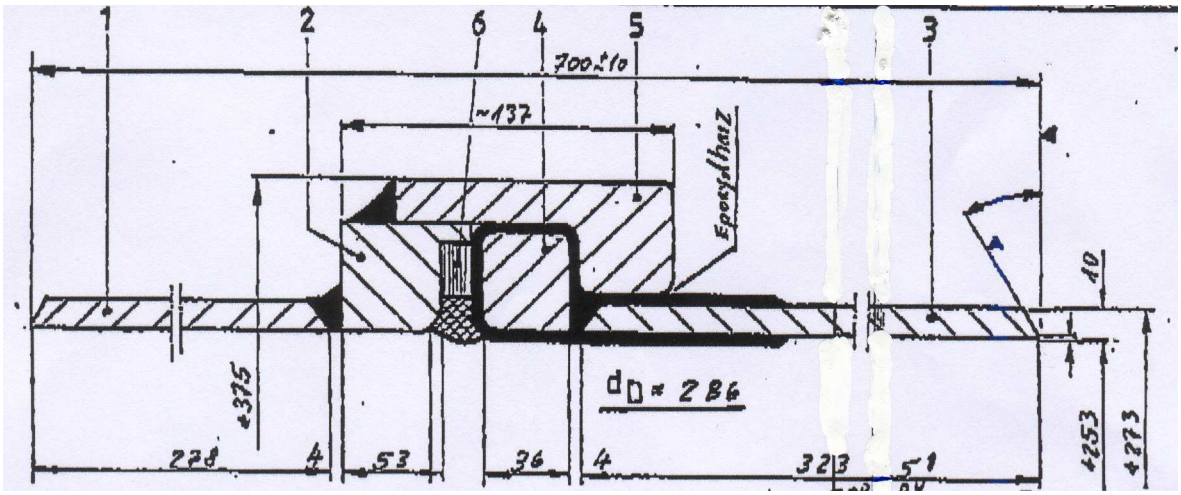
INSULATING JOINT DN 250
EME-IJ-250



Part	Qty.	Finished size	Material
1	1	Pipe Ø 273 x 10 x 278	StE 360.7
2	1	Ring Ø 346 / 253 x 58	St 52.3
3	1	Pipe Ø 273 x 10 x 323	Ste 360.7
4	1	Ring Ø 342 / 253 x 36	St 52.3
5	1	Ring Ø 375 / 273 x 100	St. 52.3
6	1	Insulation DN250 PN100	Based upon Perbunan

Remark: Part 2, 4 and 5 can be supplied in alternative material StE 360.7

Total weight: 100 kg
Working pressure: 100 bar g
Test pressure: 180 bar g

Dielectric test

500V DC > 0.1 M Ohm
5000 V/ 50 Hz, max. 5 mA

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