

DESCRIPTION

DEACON EPDM Rubber Sealant is a thermal reactive rubber sealing compound that is used on steam and various other applications. In the presence of heat (150°F+), Deacon EPDM Rubber Sealant will form a mechanical (“mechanical type”) seal. Deacon EPDM Rubber Sealant will not cement the flanges together, thus, it will not interfere with future repair of metal-to-metal joints. EPDM Rubber Sealant is unaffected by thermal cycling.

TEMPERATURE RANGE

-50°F to 500°F. Remains flexible to 400°F.

RECOMMENDED APPLICATIONS

Deacon EPDM Rubber Sealant can be used as a gasket dressing to improve the sealing capability of many gaskets. Deacon EPDM Rubber Sealant can be used as the only sealant on low-tolerance metal-to-metal joints.

Deacon EPDM Rubber Sealant is brushed onto the sealing surface in a complete, uniform, thin coating. Note: Deacon EPDM Rubber Sealant will flow filling small voids, and surface irregularities creating a seal between the gasket and the flange surface where most leak problems initiate.

TYPICAL APPLICATIONS

Any Metal to Metal Joints, Leaking Gaskets, Threaded Fittings, Doors, Steam Traps, Flanges, Nuts & Bolts.

PACKAGING

Pints

COMPATIBILITY

Steam, Condensate, water, hot air, exhaust, acetylene, ammonia gas, ammonia liquid to 200°F, argon, black liquor, CO, CO₂, citric acid, ethanolamine, ethyl alcohol, ethylene glycol, formaldehyde, hydrochloric acid to 37% up to 100°F, HF acid to 65% up to 70°F, HF acid up to 30% up to 176°F, H₂S, isopropyl alcohol, nitrogen, phosphoric acid to 100% up to 250°F, potassium sulfate, propylene glycol, salt water, sodium hydroxide, sodium silicate, SO₂ to 150°F, SO₃, vegetable oil to 200°F, zinc acetate

SHELF LIFE

Two years in unopened containers

INSTRUCTIONS

1. Surface should be clean and dry (free from oil or foreign material to ensure proper sealing/adhesion)
2. Apply a thin coat to sealing surface with putty knife (if sealing threads, apply only to the male threads)
3. Close and tighten joint (torqued to the equipment manufacturer's specifications if sealing a bolted flange)
4. Product will cure in service with heat. (See note)

NOTE

In high pressure applications or when pressure testing at ambient, it is recommended to pre-cure with a heat gun, oven, or to dry fire/blow down at atmospheric (running heat without pressure). Unlike silicone or epoxy products, our thermosetting sealants require heat to cure.

CURE

The chart below is a general guideline for the time required for a full cure at various temperatures. A seal will be achieved before a full cure is reached.

250°F	5 hrs
300°F	3.5 hrs
400°F	1.5 hrs

FOR INDUSTRIAL USE BY PROFESSIONALLY TRAINED PERSONNEL ONLY. CONSULT SDS & TECH SHEET FOR ALL SAFETY, TECHNICAL, & WARRANTY INFORMATION BEFORE USE. NOT RECOMMENDED FOR USE ON NUCLEAR APPLICATIONS

LIMITED WARRANTY

For warranty information please visit http://www.jetlube.com/pdf/Limited_Warranty_At_Delivery_Deacon.pdf

You can also email us at sales@jetlube.com