

### DESCRIPTION

Deacon 8875-Thin is a thermal reactive paste sealing compound that is used in high temperature and high-pressure applications. In the presence of heat, Deacon 8875-Thin will form a mechanical (“mechanical type”) seal. Deacon 8875-Thin will not cement the flanges or threads together, thus it will not interfere with future repairs of metal-to-metal joints. Deacon 8875-Thin is unaffected by thermal cycling.

### TEMPERATURE RANGE

150°F to 1800°F

### RECOMMENDED APPLICATIONS

Deacon 8875-Thin can be used as gasket dressing to improve the sealing capability of many gaskets. Deacon 8875-Thin can also be applied to many types of gaskets (including spiral wound) to reseal them, thereby prolonging their usual life. Deacon 8875-Thin can be used as the only sealant on low-tolerance metal-to-metal joints.

Deacon 8875-Thin is caulked or troweled onto the sealing surface in a complete, uniform, thin coating. Note: Deacon 8875-Thin 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

Threaded Fittings, Turbine Split Casing, Any metal-to-metal joints, Pump Casing, Leaking Gaskets, Boilers, Doors, Steam Traps, Ductwork, Stacks, Sight Glasses, Flanges, Nuts & Bolts, Heat Exchangers, Gaskets Dressing, Exhaust Systems, Pressure Vessels.

### FEATURES

Ease of application. Achieves seal before full cure. Fast, easy repairs. High pressure tolerance, high temperature tolerance, and high chemical tolerance. Hot air, Solvents, Oils, Steam, Liquors, Hydrocarbons. Creates a mechanical seal. High wear resistance. Unaffected by thermal cycling. Applications as a gasket dressing. Deacon 8875-Thin improves the sealing capability of many gaskets' materials.

### PACKAGED

10.3 fl. oz. Caulking Tube, Pint, Quart, Gallon, 5 Gallon Pail.

### SHELF LIFE

Refrigeration will extend shelf life to one year 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 brush or putty knife (if sealing threads, apply only to the male threads)
3. Close and tighten joints (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.

|         |        |
|---------|--------|
| 300°F   | 4 hrs  |
| 400°F   | 3 hrs  |
| 500°F   | 2 hrs  |
| 600°F   | 1 hr   |
| 700°F + | < 1 hr |

### DIRECTIONS

Please be advised that we recommend a top and bottom ring of braided packing still be installed for containment, especially when tolerances are in question.

### 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**

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## LIMITED WARRANTY

For warranty information please visit [http://www.jetlube.com/pdf/Limited\\_Warranty\\_At\\_Delivery\\_Deacon.pdf](http://www.jetlube.com/pdf/Limited_Warranty_At_Delivery_Deacon.pdf) You can also email us at [sales@deaconindustries.com](mailto:sales@deaconindustries.com) or write to the Sales Department at the address below.