



DURLON®

HT1000® Paste

High Temperature Sealing Compound

HT1000® is a registered trademark of Triangle Fluid Controls Ltd.

Durlon® HT1000® Paste is a sealing compound designed to be used in conjunction with our HT1000® sheet material specifically for large dovetail gaskets. The paste allows end users to create larger diameter gaskets using cost effective dovetail gasket segments. The HT1000® Paste allows end users to eliminate possible leak paths of traditional dovetail gaskets, while providing end users the one piece gasket construction and lower leakage rates similar to one-piece gasket.

Available in 170 g and 90 g containers.

SHELF LIFE:

6 months in unopened container from the date it was packaged.

INSTRUCTIONS:

1. Make sure gasket segments are aligned and laying flat pre-assembled. Ensure that both the gasket and flange are free of debris, oils, and grease.
2. Open container of HT1000® Paste and apply a thin, even layer to the dovetail portion of the gasket, using a disposable brush or putty knife, smoothing out any uneven portions.
3. Assemble flange and tighten bolts according to gasket manufacturer's recommendations (torque, bolt-up method, etc.).
4. HT1000® Paste will begin to cure in service (Please see applicable Curing Time Chart to the right).

Physical Properties

Temperature:

Min

260°C (500°F)

Max

1,000°C (1,832°F)

Curing Time Chart

Curing Temperature

Required Cure Time

149°C (300°F)

4 Hrs

204°C (400°F)

3 Hrs

260°C (500°F)

2 Hrs

316°C (600°F)

1 Hr

371°C (700°F) or Higher

<1 Hr

Note: In high pressure gasket sealing applications or if ambient pressure testing is being performed, it is recommended that the HT1000® Paste be pre-cured with a heat source such as a heat gun or oven if available prior to putting the gasket into pressurized service.