

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 end users creating a larger one-piece constructed gasket from cost effective dovetail segments.

CONTAINER SIZES: 170 g and 90 g.

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

CAUTION: (FOR INDUSTRIAL USE ONLY) Wear eye and skin protection when handling. Ventilation may be needed. Wash hands after use. Avoid contact with open flame or other ignition sources. Keeping compound moist will minimize airborne particles when sanding or grinding cured sealant. DO NOT reuse container. KEEP OUT OF REACH OF CHILDREN.

WARNING: Avoid inhaling dust or vapours. Do not get on eyes, skin, or clothing. If swallowed, rinse mouth, DO NOT induce vomiting, call poison control and consult a physician. Inhalation: If ventilation is poor, wear respiratory protection. If experiencing breathing problems move to fresh air and seek medical aid. If on skin: wash with lots of soap and water. If irritation or rash develops, seek medical attention. Use protective equipment as required. Always read SDS and product technical data before use.

CONTAINS: Solvent Mixture, Crystalline Silica, Tetraborate Pentahydrate, Aluminosilicate, Kaolin, Modified Natural Resins.

STORAGE: Store in closed container in a cool, dry place (refrigerate for best shelf life). Keep away from open flames.

WARRANTY: The company assumes no liability for damage caused by this product other than purchase or replacement of this product. The responsibility for determining whether or not the product is suitable for use rest with the purchaser.

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.

Physical Properties	
Temp.: Min Max	65°C (150°F) 980°C (1800°F)
Curing	
Temperature	Required 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

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. Stir well before use. Surface should be clean and dry. 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. Close and tighten joint.
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 refer to applicable Required Cure Time above)

Warning: Durlon® gasket materials should never be recommended when both temperature and pressure are at the maximum listed. Properties and applications stated are typical. No applications should be undertaken by anyone without independent study and evaluation for suitability. Never use more than one gasket in one flange joint and never reuse a gasket. Improper use or gasket selection could cause property damage and/or serious injury. Data reported is a compilation of field testing, field service reports and/or in-house testing. While the utmost care has gone into publishing the information contained herein, we assume no responsibility for errors. Specifications and information contained within are subject to change without notice. This edition cancels and obsoletes all previous editions.