

GTH Flexible Graphite

Technical Data Sheet 439

Product Family - Single Layer Material (Adhesive-Backed)

- GTH - GTB with Adhesive Tape

Product Overview

GRAFOIL® GTH flexible graphite consists of GRAFOIL® GTB flexible graphite and a pressure-sensitive adhesive tape. GTH flexible graphite is also available in crinkled form for making form-in-place gaskets.

Applications

- Thread sealant tape or form-in-place large diameter gaskets
- Threaded joints
- Form-in-place gaskets
- Large diameter flanges

GRAFOIL® GTH Construction

- 1) GRAFOIL® GTB flexible graphite (per Technical Data Sheet 436)
- 2) 0.0012" thick acrylic adhesive
- 3) 0.0005" thick polyester
- 4) 0.0012" thick acrylic pressure sensitive adhesive
- 5) 74# silicone treated release paper

Typical Properties*

Characteristic	Typical Value
Thickness (Graphite, prior to construction and crinkling)	0.005" (0.13 mm) 0.010" (0.25 mm) 0.015" (0.38 mm)
Width	24" (610 mm)
Length	100' (30.5 m)
Crinkling	Available in widths <= 1" wide
Bulk Density (Graphite)	70 lb/ft ³ (1.12 g/cc)

Notes:
* Properties listed are typical and cannot be used as accept/reject specifications.

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