

# GRAFOIL Product Shelf Life

Technical Data Sheet 141

GRAFOIL® Flexible Graphite was the first fluid sealing material made exclusively from pure, natural graphite flake. Its resistance to heat, fire, corrosion and aggressive chemicals make it the most universally applicable sealing solution on the market today. GRAFOIL flexible graphite is chemically compatible, resilient and compressible, naturally lubricious, thermally stable, easily cut and often used as a replacement for asbestos. GRAFOIL Flexible Graphite without any coatings or inserts has an indefinite shelf life (greater than 40 years) and can be stored under normal conditions.



## **Cured Gasket Laminate & Mechanically Bonded Grades**

The shelf life is indefinite (greater than 40 years). Normal indoor storage is acceptable for these products.

## **Thermally Bonded Laminate Grades**

The bond is not affected by time and therefore the shelf life is indefinite (greater than 40 years). Normal indoor storage at temperatures under 100°F is acceptable for these products.

## **Adhesively Bonded Laminates**

There is only edge plane exposure of adhesive layers to the environment. Experience has shown that the laminate material should have a minimum shelf life of five years, based on date of shipment.

## **Adhesive Backed Thread Sealant & Gasket Tape**

Cosmetic changes may take place after a period of one year. Adhesive backed tape products should be examined after a period of one year to make sure that “adhesion characteristics” of the material have not changed. The paper backing on the tape may begin to separate from the tape due to the hygroscopic properties of the release paper. For optimal storage, recommended keep in an area where ambient temperature is around 70°F and the relative humidity is reasonable. One year shelf life is based from date of shipment.

+1 (800) 253-8003 (Toll-Free in USA)  
+1 (216) 529-3777 (International)

[www.graftech.com](http://www.graftech.com) | [www.grafoil.com](http://www.grafoil.com)  
[grafoil@graftech.com](mailto:grafoil@graftech.com)

**Redefining limits**