

KLINGER FLEXIBLE GRAPHITE NST

Non-Stick Treatment

KLINGER flexible graphite laminate materials use only the highest-quality graphite foils with a variety of inserts.

In order to prevent the gasket material from sticking to the flange surface (even at high temperatures), the graphite surface can be supplied with an additional factory applied NST (anti-stick) coating for ease of release at the customer's request. The NST coating reduces graphite build up on the flange surfaces and ultimately results in easier gasket removal. The anti-stick properties are independent of temperature and stress.

With this process step, the graphite surface is coated and causes no organic contamination of the pure graphite.

The ability of a gasket to make and maintain a seal depends not only on the style and quality of the gasket material, but also on medium being sealed, the flange design, the amount of pressure applied to the gasket by the bolts and how the gasket is assembled onto the flanges and tightened. These factors are beyond the manufacturer's control.

KLINGER Thermoseal

2350 Campbell Road, Sidney, Ohio 45365
Tel: +1 937 498 2222

3803 S. Sam Houston Parkway W., Houston, Texas 77053
Tel: +1 713 997 8111