



NEXUS G6300 Expanded PTFE Gasket

Nexus Style G6300 is an e-PTFE Sheet Gasket with a high multi-directional strength. It provides high temperature and blowout resistant sealing that is superior to other PTFE sheet gasket. This sheet gasketing is made from 100% expanded PTFE. Due to the fact that it is dimensionally stable, yet conformable, it is ideal for real world flange conditions. It conforms to rough surfaces, yet compresses into a very tough gasket that makes a tight, long lasting seal. e-PTFE Sheet gasketing is ideal for sealing steel flanges for many aggressive chemicals, as well as fragile flanges.

Specifications

Materials: 100% expanded PTFE

Temperature Range: -240° C to 260° C (315° C intermittently)

Operating Pressure: Vacuum to 40 bar

Chemical Resistance: Resistant to all common chemicals in 0-14 Ph range except molten alkali metals and elemental fluorine

Sheet size: 1.5m x 1.5m

Features

- 100 percent expanded PTFE
- Not subject to ageing
- Chemically resistant pH range 0-14
- Ideal for large, complex, and damaged surfaces
- Outstanding versatility
- Easy to cut and to install
- Low stress-to-seal
- Reliable sealing performance, even with fragile flanges
- Resistance to creep and cold flow.

PROPERTY TEST	UNIT	MAGNITUDE
SIZE	mm	T 1.5 ~ 3MM
APPEARANCE	SMOOTH, NO AIR BUBBLES OR DELAMINATION	
DENSITY	G/cm ³	0.5 ~ 0.8
VOLATILIZATION	%	≤1.0
TENSILE STRENGTH	Mpa	≥8.0
RIGIDITY	HA	30 ~ 70
TENSILE RATE	%	<300
STRESS UNBRACE RATE	%	<40
TEMPERATURE	°C	≤280
PRESSURE	Mpa	≤4
PH-RANGE	/	0~14