STEFFCA®
– sealing and service under pressure

Teadit TF 1590

Base/material

PTFE, Silica.

Description

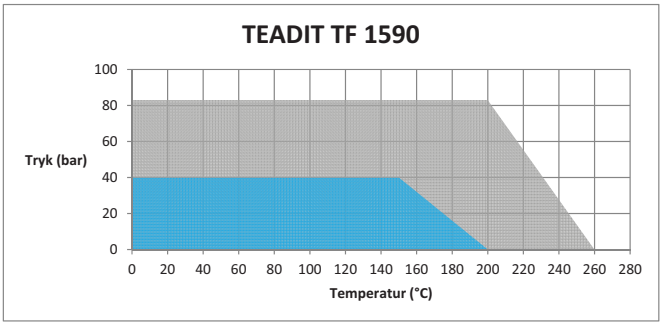
TEADIT TF 1590 is a structured PTFE gasket sheet made in a special process with a high fiber content, to avoid the creep and cold flow problems that occur with normal, molded PTFE sheets.
TEADIT TF1590 is made of pure PTFE added silica.

Benefits

This gasket sheet is suitable for use with high pressure and high temperature, especially in the chemical, manufacturing and hydrocarbon industry, in strong acids (except flouric acid) solvents, hydrocarbons, water, steam and chlorine.
TEADIT TF 1590 is fast and simple to install. The used gasket can be quickly and easily removed without leaving any residue.

Dimensions and technical data

Dimension:	1,200 x 1,200 mm / 1,500 x 1,500 mm
Materials:	PTFE, Silica
Thickness:	1,5-3,0 mm
Continuous temperature:	-210 °C - 260 °C
Pressure:	83 bar
Density / DIN 28090-2:	2,1 g/cm^3
Compressibility / ASTM F 36:	10%
Springback ASTM F 36 J:	40%
Pressure stability:	30N/mm^2, 150 °C, 16h, 13MPa
Pressure stability / DIN 52913:	30N/mm^2, 150 °C, 16h, 13MPa
Leakage DIN 3535/6:	< 0,015 mg/s.m
Approvals:	BAM DVGW, Air Liquide(Oxygen). FDA,TA Air, Germanische Lloyd, KTW, Blow-out test VDI 2200), EN1935/2004.



- General suitability – with common installation practices and chemical compatibility.
- Conditional suitability – depending on appropriate measures that ensure maximum performance when installing the gasket. Technical consultation with STEFFCA is recommended.