



DATA SHEET

EXPANDED PTFE

Features

Our sheets are fabricated with 100% pure expanded PTFE 100% multidirectional, using a unique technology to form a special fiber structure that withstands extreme mechanical parameters.

Purpose

Our expanded Teflon gaskets are used in the sealing of a wide range of fluids: oils, hydrocarbons, acids, water, etc. It resists a temperature of 260°C, with peaks of up to 315°C. It is chemically inert to the most aggressive acids. It is ideal as a gasket material for flanges with fragile surfaces such as glass, ceramic or any surface that is at risk of breakage. It is also suitable for uneven or damaged sealing surfaces, as it fills in any unevenness.

Pros

This multidirectional expanded Teflon material has perfect sealing properties that totally eliminate the "cold flow" effect. This guarantees a longer life and reliability of the joints. Thanks to the approvals that this expanded Teflon material has, it is suitable for the food and beverages, pharmaceutical, chemical, petrochemical and gas industries.

Approvals

FDA
TA Luft VDI 2440 EN 13555
DIN 28090-1 HOBT 1
ASTM F36



coestan
S E A L I N G T E C H

Dimensions

1500 x 1500

1000 x 1000

Others upon request

Thickness

From 0,5mm to 10mm

Temperature: 240°C / + 260°C. Peaks up to 315°C

Specific Weight: 0,6 - 0,9 g/cm³

Copressibility: 58 - 66% ASTM F36

Recovery Rate: 18 - 22% ASTM F36

Leakage Rate: $9,2 \times 10^{-7}$ mbar.l/(s.m) TA Luft VDI2440

Chemical Resistance: 0 - 14 pH

