

Basic/material

Aramid, inorganic fillers and NBR

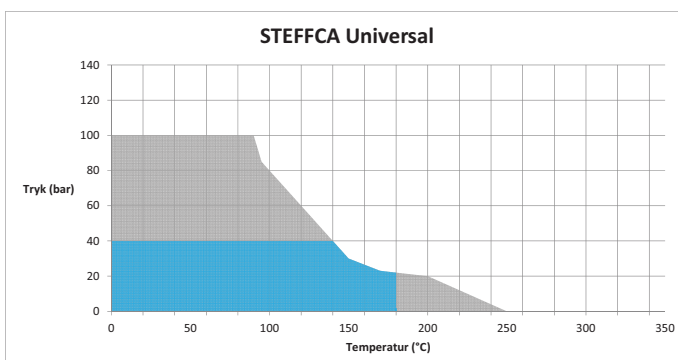
Description

A gasket sheet which is widely used for many different purposes in the industry, for example packing of steam, gas, oil, hot and cold water. Also available with graphite on the surface or stainless steel reinforcement. This gasket is one of the most used and approved packing sheets in the market. The sheet has excellent chemical resistance, good mechanical and thermal properties and low gas permeability. Suitable for food industry, gas supply, water supply, compressors, pumps and many other installations.



Dimensions and technical data

Dimension:	1,500 x 1,500 mm
Thickness:	0,5-5,0 mm
Material:	Aramid, inorganic fillers and NBR
Continuous temperature:	250 °C / Steam 200 °C
Peak temperature:	400 °C
Pressure:	100 bar / 1,450 psi
Density / DIN 28090-2:	1,7 g/cm ³
Compressibility / ASTM F36J:	11%
Recovery / ASTM F36J:	60%
Stress resistance / DIN 52913:	16h, 50 MPa, 175 °C, 27MPa / 16h, 50MPa, 300 °C, 23MPa
Leakage / DIN 3535/6:	0,02 mg/(s.m)
Increase of thickness ASTM F146:	Oil IRM 903, 5h, 150° , 2% / ASTM Fuel B, 5h, 23 °C, 5%
Approvals:	BAM (Oxygen), DIN-DVGW DIN 3535-6, SVGW 3535-6, DVGW VP 401, DVGW, DVGW W270, TA Luft (VDI 440), WRAS, Germanische Lloyd, ABS EC 1935/2004 kategori 4, AGA AS 4623, TZW ELL.



- 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.
- Limited suitability – Technical consultation with STEFFCA is mandatory.