

Flexitallic®

PRODUCT DATASHEET

SF 4300

Flexitallic SF 4300 is a premium compressed sheet gasket material based on a blend of organic and glass fibres, bound with a high quality rubber binder.

Service:

SF 4300 is a high performance gasket material suitable for sealing in a wide range of demanding applications involving, water, oils, fuels, hydrocarbons, refrigerants, mild acids and alkalis.

Supplied as standard with anti-stick coating.

Approvals:

TA-LUFT (in accordance with VDI Guideline 2440) at 200°C

API-6FB Fire test

BS 7531 Grade X

BAM (Oxygen Service) up to 60°C and 100 bar

WRAS Potable Water: Registration No. 1612552

DNV GL Approved – TAP000010D

Availability:

Standard sheet sizes:

1.5m x 1.5m

2.0m x 1.5m

6.0m x 1.5m

6.0m x 2.0m

Thickness range:

0.50mm to 3.0mm

Other thicknesses may be available on request.

Also available with gauze mild steel wire reinforcement.

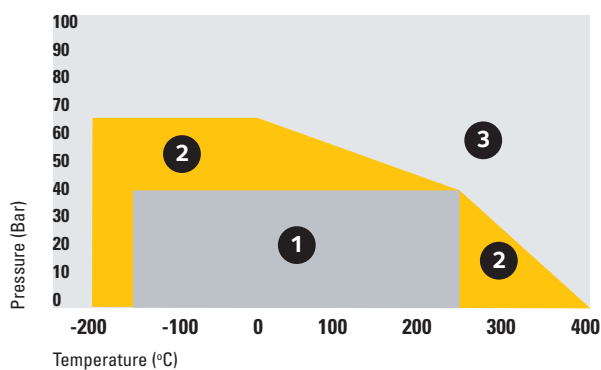
Colour: 1 side white / 1 side green



Typical Physical Properties:

Density	1.86gcm ³
ASTM F36 Compressibility	9%
ASTM F36 Recovery	52%
Stress Relaxation DIN 52913, 50 MPa, 16h/175°C	38 MPa
50 MPa, 16h/300°C	34 MPa
Stress Relaxation BS7531, 40 MPa, 16h/300°C	30 MPa
Gas Leakage DIN 3535/6	< 0.1ml/min
Thickness increase after fluid immersion, Oil No. 3: 5h/150°C	1.7%
Fuel B: 5h/23°C	5%
Chlorides	< 150ppm
Average dielectric strength	> 17kV/mm ²

SF 4300 Pressure/Temperature Limits



- 1 Suitable subject to chemical compatibility.
- 2 Suitable in some cases but check your application requirements with Flexitallic.
- 3 Contact the Application Engineering Team for applications with higher temperatures and pressures. Applicable to 1.5mm and below.

The operating temperature of non-asbestos sheet material is related to the thickness of materials selected. Thinner materials give better temperature and pressure properties.

This Data Sheet refers to the material as supplied. The information contained herein is given in good faith, but no liability will be accepted by the Company in relation to same.

We reserve the right to change the details given on this Data Sheet as additional information is acquired. Customers requiring the latest version of this Data Sheet should contact our Applications Engineering Department.

The information given and, in particular, any parameters, should be used for guidance purposes only. The Company does not give any warranty that the product will be suitable for the use intended by the customer.