

## PRODUCT DATASHEET

# SF 3330

Flexitallic SF 3330 is a good quality compressed sheet material based on a blend of aramid and inorganic fibres, with a nitrile rubber binder system.



### Service:

SF 3330 is a general purpose material suitable for use in a wide range of applications, including hot and cold water, steam, oils, fuels, gases and a wide range of general chemicals.

### Approvals:

WRAS Potable Water:  
Registration No. 1510515

Complies with BS Specification 7531  
Grade Y

TA-LUFT (in accordance with  
VDI Guideline 2440)

GL Approval 37702 - 12HH

### Availability:

#### Sheet size:

2.0m x 2.0m  
2.0m x 1.5m  
2.0m x 1.0m  
1.5m x 1.5m  
1.5m x 1.0m

#### Thickness range:

0.4mm to 6.0mm

#### Standard roll sizes:

Up to a maximum size of 6.0m x 2.0m

Available with fine mesh mild steel  
reinforcement: SF 3330 Metallic or gauze mild  
steel wire reinforcement: SF 3330 GWI.

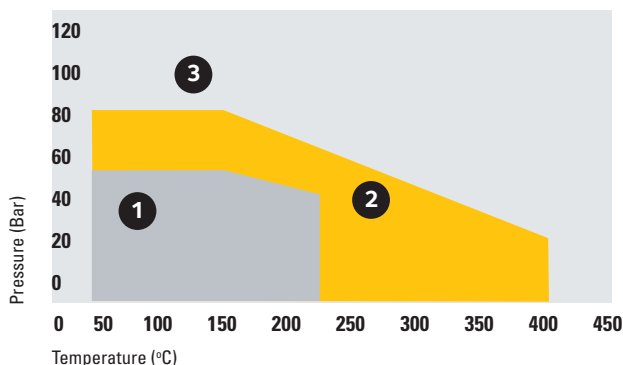
It can also be supplied with anti-stick coating  
and graphite coating.

**Colour:** Orange

### Typical Physical Properties:

Thickness	1.5mm
Density	2.0gcm <sup>3</sup>
ASTM F152 Tensile Strength	12 MPa
ASTM F36 Compression	9%
ASTM F36 Recovery	50% min
BS 7531 (300°C) Residual Stress	23 MPa
DIN 52913 Residual Stress	29 MPa
BS 7531 Gas Leakage	< 1.0cc/min
ASTM Oil 1 Thickness Increase	2.0%
IRM 903 Oil Thickness Increase	5.0%
ASTM Fuel B Thickness Increase	4.0%

### SF 3330 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.