

Technical Data Sheet

MATERIAL PROPERTIES*: SF5000

DESCRIPTION: SF 5000 is a premium grade sheet gasket material reinforced with carbon and aramid fibre bound with high quality nitrile (NBR) rubber.

SF 5000 complies with the requirements of the BS7531 Grade X specification.

COLOUR: Black

SERVICE: Developed for use across a wide range of demanding industrial sealing applications requiring high degree of long term joint integrity. Flexitallic SF 5000 is chemically compatible with wide range of media including dry and wet steam, hydrocarbons and moderate chemical service. SF 5000 is ideal for use in alkaline or caustic conditions found in bauxite ore processing and the paper and pulp industry.

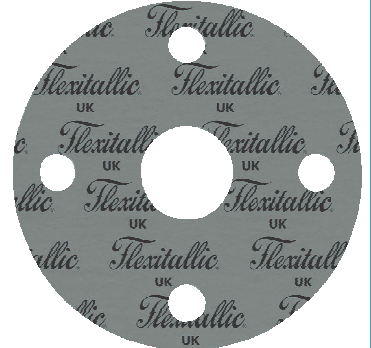
Maximum recommended temperature: 440°C (825°F)
Maximum recommended pressure: 14 MPa (140 bar; 2030 psi)

pH Range: 3 to 14

These temperature and pressure guides cannot necessarily be used simultaneously and may not apply at all thicknesses.

API 6FB Fire-Safe

Do NOT use gasket pastes



TYPICAL PHYSICAL PROPERTIES:

Thickness		1.5 mm
Density	gcm-3	1.60
ASTM Compressibility	%	12
ASTM Recovery	%	>55
ASTM Tensile Strength	MPa	13
BS Residual Stress	MPa	>25
DIN Gas Permeability	mL/min	<0.1
ASTM Oil 3 Thickness Increase	%	2.0
ASTM Fuel B Thickness Increase	%	3.0

AVAILABILITY:

Sheet size : 1.5 m x 1.5 m; 2.0m x 1.5m

Thickness range : 0.4 mm to 3.0 mm

Supplied with SARK III release coating as standard.

Other sizes and thicknesses may be available on request.

Notes: * This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

Asbestos Free



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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