



FLEXITALLIC LIMITED

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**PRODUCT
REFERENCE:**

FLEXITALLIC FLUOROSEAL (JF 1)

DESCRIPTION:

Flexitallic Fluoroseal is a universal joint sealant manufactured from 100 % virgin PTFE in expanded form. The product is supplied with a self adhesive positioning strip.

COLOUR:

White

SERVICE:

Flexitallic Fluoroseal is resistant to attack from a wide range of chemical media including strong acids, alkalis and organic solvents. It is suitable for use on a wide variety of flanges and couplings, even those with rough, warped, damaged or non-parallel sealing surfaces. It is particularly suitable for sealing in applications where only low bolt loads are available.

It is simple to use, just cut to length and press in to position and form in to a closed loop by overlapping the two ends of the cord. There is no waiting for gaskets to be cut and large diameter and/or complex flanges can be accommodated in applications where conventional gaskets may be inappropriate.

Recommended temperature range : **-240°C (-400°F) to 260°C (500°F)**

Maximum recommended pressure : **14 MPa (2030 psi)**

These temperature and pressure guides cannot necessarily be used simultaneously.

Approved by DVGW (App. No. G89 e 051) and BAM (App. No. 4245/89).

Do not use gasket pastes.

TYPICAL PHYSICAL PROPERTIES:

Density	gcm⁻³	0.45 to 0.60
Residual lubricant content	% wt.	≤ 0.1

AVAILABILITY:

Supplied on spools.

Width (mm)	3	5	7	10	12.5	14	17	20
Thickness (mm)	1.5	2	2.5	4	5	5	6	7
Length (m)	30	20	15	8	5	5	5	5

Special sizes may be available on request.

PDS 165 01/08

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.

HEALTH AND SAFETY

Because of the nature of the material the product is believed to present no health and safety hazard and, under normal handling and use it is unlikely that the product will give rise to significant levels of exposure to constituent materials.

Flexitallic Fluoroseal contains PTFE and a small amount of processing lubricant.

Good standards of hygiene should be applied during handling and installation, any waste generated should be disposed of by transfer to a site appropriately licensed to accept industrial materials of this nature.

Although the material is inherently flame resistant, at elevated temperatures or in a sustained fire, decomposition will occur and give rise to irritant and in some instances harmful or toxic fumes.

For more detailed information reference must be made to our Health and Safety Bulletin, Sections 1, 2, 2.10, 3 and 3.4. This will enable you to carry out any necessary assessment of risk which may be required under national or local legislation.