

Flexitallic®



innovate / customize / educate

PRODUCT DATASHEET

SIGMA® 850 GASKET TAPE



Sigma® 850 Gasket Tape is a high performance expanded PTFE Gasket material with improved creep resistance.

Service:

Spool stock format enables Sigma® 850 Gasket Tape to be used in-situ on both standard and non-standard large and complex connections. The material is soft and conformable making it suitable for use in applications involving damaged sealing surfaces or where limited compressive load is available.

Sigma® 850 Gasket Tape comprises of 100% expanded PTFE with a biaxially fibrillated structure, reducing cold flow and creep.

Suitable for sealing most chemicals across the whole pH range (0-14) with the exception of molten or dissolved alkali metals and fluorine gas.

Recommended temperature range:

-268°C to 260°C

Recommended pressure range:

Vacuum to 40 bar (580 psi)

Colour: White (Pigment free)

Note:

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

Approvals/Tests:

TA-LUFT compliant.

Availability:

Width (mm)	Thickness/spool length (m)	
	3.0mm	6.0mm
10	10	10
15	10	10
20	10	10
25	10	10
30	10	10
35	5/10	5/10
40	5/10	5/10
45	5/10	5/10
50	5/10	5/10
55	5/10	5/10
60		5/10
65		5/10

Installation:

Please follow the Flexitallic assembly instructions, copy available on request.

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 & Safety

For further Health and Safety information please see the relevant Material Safety Datasheets or contact Flexitallic Ltd.