Soft expanded food grade gasket material

ISO	PTFE polytetrafluoroethylene
Shape	Sheet
Color	White
Temperature Range	-240 and 260 °C
Density	800 kg/m3
Maximum pressure	50 bar
Tensile strength	22 N/mm2

Material information

Gasket material consisting of 100% pure expanded PTFE with no additives. Widely applicable in applications throughout the pH range (0-14)

European Food Grade according to EC 1935:2004

FDA

USA Food Grade under FDA

Usage examples

Soft gasket material suitable for uneven flanges or low bolt load in plastic piping systems, for example

Measurement tolerance 7715-P3

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
50900030	Flexitallic Sigma 800 3 mm	1.500	1.500
50900050	Flexitallic Sigma 800 5 mm	1.500	1.500

hdr_recovery

tbl_recovery_explainer

tbl_recovery	tbl_gasket_compress	tbl_recovery_value
ASTM	57 %	> 12 %

hdr_permgas

tbl_permgas_explainer

tbl_permgas	tbl_permgas_strength
ASTM	0,020 mL/min

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

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