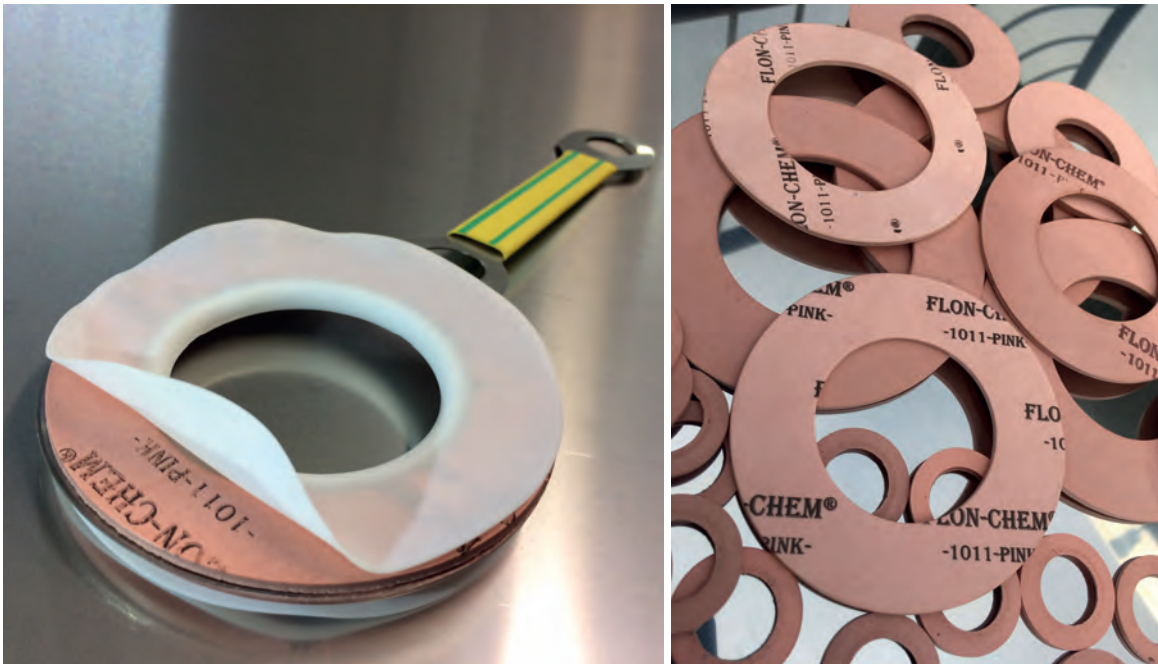


# Flon-Chem®- 1011-PINK

is a restructured gasket sheet sealing material manufactured by Modified PTFE and high content of Silica filler



## PRODUCT FEATURES:

Suitable for sealing all chemicals across the whole pH range (0 - 14) with the exception of molten alkali metals, fluorine gas, hydrogen fluoride or materials which may generate these.

**FLON-CHEM®-1011-PINK** sheet material, thanks to his high performance, prevents the creep relaxation problem and cold flow problem normally associated with normal skived or moulded PTFE sheets

## FDA COMPLIANCE:

**FLON-CHEM®-1011-PINK** complies with FDA Regulation 21 CFR 177.1550 for use in contact with food.

Also designed to be used as inserts for **PTFE** envelope gaskets, it makes them higher quality than standard PTFE envelope gaskets with aramid fiber inserts.

**The advantages are:** 1. Totally FDA; 2. Excellent Recovery; 3. Not aging; 4. Absorption equal to zero; 5. Operation range of Temperature: - 200 / +260 °C

## TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	UNITS	VALUE
Colour			PINK
Max Operating Temperature		°C	- 200 / + 260
Max Operating Pressure		bar	80
PxT		bar x° C	12000
Density	ASTM D792	gr/cm3	2,25 +/-0,05
Compression Modulus 23°C - 20 MPa KSW		%	10
Creep Relaxation 23°C - 1 MPa KSW	DIN 28090-2	%	3
Compression Modulus 150°C - 20 Mpa 16h WSW	DIN 28090-2	%	20
Creep relaxation 150°C - 1 Mpa - 16h WSW	DIN 28090-2	%	3,5
Tensile Stenght	ISO 13000-2	Mpa	> 10
Elongation at Break	ISO 13000-2	%	> 200
Compressibility	ASTM F36A	%	10
Recovery	ASTM F36A	%	> 40
Leackage rate	DIN 3535-6	mg (s-m)	< 0,01
Y ( 1,5 -3,0mm )	ASME VIII	MPa	17 - 19
m ( 1,5 - 3,0mm)	ASME VIII	factor	3,5 - 4

Note : These are typical properties and not used for specification purpose

## PRODUCT PROPERTIES:

- Improved performance over conventional PTFE
- Excellent bolt torque retention
- Reduced product loss and emissions
- High recovery
- Without creep relaxation and cold flow
- Does not stick to the flange surface
- Excellent chemical resistance
- Compliant with FDA regulation

All information in this document is based on years of experience in manufacture and use of the discussed products. Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims any special uses of products are subject to consulting with the manufacturer.