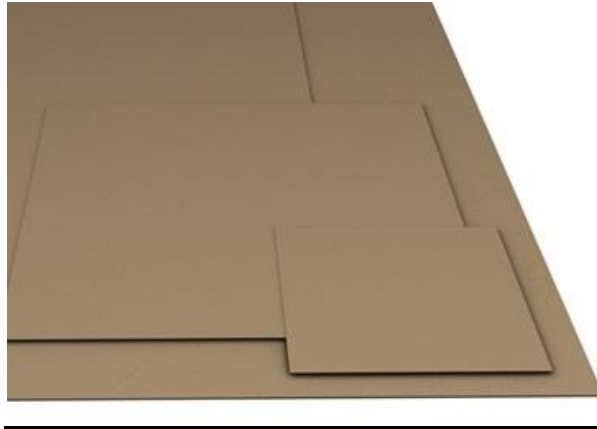




# DATA SHEET

## YG-F : FAWN FILLED PTFE SHEET



### DESCRIPTION

YG-F is a high quality, biaxially orientated sealing material based on PTFE with silica.

### APPLICATION

YG-F is a high performance material for use across a wide range of chemicals including strong acids (except hydrofluoric), steam, solvents, hydrocarbons and chlorine.

### TYPICAL PROPERTIES

THICKNESS		1.5MM
DENSITY		2.2g/cc
TENSILE STRENGTH	ASTM F152	14 MPa
COMPRESSION	ASTM F36 J	6%
RECOVERY	ASTM F36 J	>42%
RESIDUAL STRESS	DIN 52913 (50N/mm <sup>2</sup> @ 175°C)	31 MPa
GAS LEAKAGE	BS7531	0.05 ml/min
CREEP RELAXATION	ASTM F38	20%
LIQUID LEAKAGE	ASTM F37	0.22 ml/hr

Specification : Conforms with FDA 21 CFR 177.1550

Colour : Fawn

Temperature Range : -268°C to +260°C

Pressure : Max 1200 psi (83 Bar)

### AVAILABILITY

Thickness : 0.75mm to 6.0mm

Sheet Sizes : 1500mm x 1500mm and 1800mm x 1800mm

The information given is based upon average values and is in no way intended as a warranty. The purchaser shall be responsible for determining the suitability of the product for any particular application.

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