



# PTFE JOINTING SHEET PLANIFLON™ B60

## Composition

- Microcellular modified PTFE
- Inorganic fillers

## Characteristics

The Planiflon™ range has been developed to operate from cryogenic temperatures up to 260°C and can be used with all the most aggressive fluids (ph 0-14). Planiflon™ B60 is a gasketing sheet that shows an excellent chemical resistance, with excellent gas permeability. These gaskets are suitable both for metallic and non metallic flanges.

## Applications

Planiflon™ B58 is suitable for industrial applications for sealing the flanges and has the following certificates:

- TA LUFT
- FDA
- DVGW

## Tech Data

Planiflon™ B60			
Colour			White
Filler			Inorganic
Density		g/cm <sup>3</sup>	0,85
Temperature		°C	-200/+260
Max operating pressure		Bar	80
P x T max		Bar x °C	-
thickness 0,5 to 2,0			12000
thickness 3,0			8500
Compression	DIN 3535-6	%	>55
Creep	DIN 3535-6	%	<12
Recovery	DIN 3535-6	%	>5
Leakage	DIN 3535-6	mg*s <sup>-1</sup> *m <sup>-1</sup>	<0,002
PH Range			0 ÷ 14
Tolerances L and W		mm	+/- 50
Tolerances Thickness		%	+/-10

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures
- Other gasketing sheet dimensions and thicknesses are available on request

Size	1.500 x 1.500	60" x 60"
Thickness	0.8 ÷ 6.0	1/32 ÷ 1/4



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## PTFE Jointing Sheet Planiflon™ B60

The bidirectional structured PTFE gasketing sheets Planiflon™ are made with special resins and inorganic fillers. The special processing technique minimizes the material's cold flow, giving to the sheets the characteristic attribute of bidirectionality. The product range of the Planiflon™ includes the following products:

- **B13** - Modified PTFE with silica filler
- **B14** - Modified PTFE with hollow glass microspheres filler
- **B15** - Modified PTFE with barium sulphate filler
- **B58** - Microcellular Modified PTFE layers with pure modified PTFE core
- **B60** - Microcellular Modified PTFE with Inorganic fillers
- **E12** - Bi-directional expanded PTFE

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