

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™ B60 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/cm³	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-1*m-1	<0,002	
PH Range			0 ÷ 14	

- 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
- The dimensional tolerances of the gasketing sheets are: W and L \pm 3,0%, H \pm 10,0%

Size	1.500 x 1.500	60" x 60"
Thickness	0.75 ÷ 6.0	1/32 ÷ 1/4



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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 PTFF



