

## TECHNICAL DATA SHEET - CST 2220/02 - 31/01/2018

## PLANIFLON B 13

### Features

**Planiflon B13** is a superior performance biaxially orientated PTFE sheet material with a silica filler.

**Planiflon B13** shows an excellent chemical resistance, low gas permeability, improved creep properties when compared with conventional PTFE gasketing.

### Applications

**Planiflon B13** is a general purpose grade for sealing applications across the whole pH range. It's particularly suitable for use with strong acids (except hydrofluoric acid) and alkalis. Other applications include solvents, water, steam and chlorine.

Suitable in the temperature range -200°C / +260°C.

Color		Pink
Composition		Modified PTFE silica filler
Density	g/cm <sup>3</sup>	2.2
Operative temperature range	°C	-200/+260
Max operating pressure	Bar	80
P x T max	Bar x °C	
thickness 0,5 ÷ 2,0 mm		12000
thickness 3,0 mm		8500
Leakage	mg*s <sup>-1</sup> *m <sup>-1</sup>	<0.05
Creep Relaxation	%	<24
Compression range	%	>4
Recovery	%	<1,7
Ph range	-	0-14
Available sizes : (mm) 1.500 x 1.500; (inch) 60" x 60" Available thickness: (mm) 0,75 ÷ 1,0 ÷ 1,5 ÷ 2,0 ÷ 2,5 ÷ 3,0 ÷ 4,00 ÷ 5,00 ÷ 6,00; (inch) 1/32" ÷ 3/64" ÷ 1/16" ÷ 3/32" ÷ 1/8" ÷ 3/16" ÷ 7/32" ÷ 1/4"; other thickness available on demand.		