

TECHNICAL DATA SHEET - CST 2230/02 - 31/01/2018

PLANIFLON B 14

Features

Planiflon B14 is a superior performance biaxially orientated PTFE sheet sealing material with glass spheres filler, very highly conformable properties, ideally suited to both standard and irregular flanges.

Planiflon B14 has a very low gas permeability, improved creep properties when compared with conventional PTFE gasketing, excellent for handling and cutting.

Applications

Planiflon B14 is specifically designed for use in low bolt loaded irregular flanges. Typical flanges include glass lined, ceramic plastic coated or uneven/badly distorted flanges. It is suitable for sealing all chemicals across the whole pH range, except molten alkali metals, fluorine or hydrogen fluoride.

Color		Light Blue
Composition		Modified PTFE Glass Microsphere filler
Density	g/cm ³	1.4
Operative temperature range	°C	-200/+260
Max operating pressure	Bar	50
P x T max	Bar x °C	
thickness 0,5 ÷ 2,0 mm		12000
thickness 3,0 mm		8500
Leakage	mg*s ⁻¹ *m ⁻¹	<0.05
Creep Relaxation	%	<19
Compression range	%	>32
Recovery	%	>7
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.		