

TECHNICAL DATA SHEET - CST 1000/02 - 16/01/2018

PLANIFLEX PF 13

BASIS

Aramid fibers, CSM.

GENERAL PROPERTIES AND APPLICATION

Gasket Material for different aggressive media
and with very good chemical resistance to acids
and alkaline media.

PLANIFLEX PF 13		
		Typical value thickness 2.0 mm
Compressibility ASTM F36	%	9
Recovery ASTM F36	%	50
Relaxation stress DIN 52913 16 hours, 175°C, 50 N/mm ²	N/mm ²	25
Tensile strength DIN 52910	N/mm ²	8
Thickness increase ASTM F146		
1) 40%HN03 23Oc/18h	%	8
2) 65%H2SO4 23Oc/748h	%	10
Max operating conditions		
Peak Temperature	°C / °F	200
Continuous Temperature	°C / °F	150
Pressure	Bar / psi	40
Available sizes : (mm) 1.500 x 1.500 and 1.500 x 3.000; (inch) 60" x 60" and 60" x 120"		
Available thickness: (mm) 0,50 ÷ 0,80 ÷ 1,0 ÷ 1,5 ÷ 2,0 ÷ 2,5 ÷ 3,0 ÷ 4,00 ÷ 5,00; (inch) 1/64" ÷ 1/32" ÷ 3/64" ÷ 1/16" ÷ 3/32" ÷ 3/32" ÷ 1/8" ÷ 3/16" ÷ 7/32";		
other thickness available on demand.		

Temperature and pressure represent maximum values and should not be used simultaneously. They are given only for guidance, since they depend not only on the type of gasket material but also on the assembly conditions. Very important factors are: thickness of material, nature of service medium, type of flange, surface stress. Steam application requires special consideration.

- General suitability using common installation practices under the condition of chemical compatibility.
- Max. performance is ensure through appropriate measures for joint design and gasket installation. Consultation is recommended.
- Limited application area - Technical consultation is mandatory.

