

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

## **PLANIFLEX PF 13**

## **BASIS**

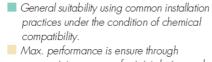
Aramidic fibers, CSM.

## 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 valu	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 <sup>2</sup>	N/mm <sup>2</sup>	25	
Tensile strength DIN 52910	N/mm <sup>2</sup>	8	
Thickness increase ASTM F146			
1) 40%HN03 23Oc/18h	%	8	
2) 65%H2SO4 23Oc748h	%	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. Available thickness: (mm) $0.50 \div 0.80 \div 1.0 \div 1.5 \div (inch)1/64$ " $\div 1/32$ " $\div 3/64$ " $\div 1/1$			
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.



appropriate measures for joint design and gasket installation. Consultation is recommended.

 Limited application area - Technical consultation is mandatory.

