

CARRARA S.p.A

Packings & Gaskets



TECHNICAL DATA SHEET - CST 0570/01 - 14/01/2003

PLANIFLEX PF 41

COMPOSIÇÃO

Fibra orgânica, NBR.

APLICAÇÕES

Resistente a óleos e para trabalhos de uso universal.

CERTIFICAÇÕES

Germanischer Lloyd.

PLANIFLEX PF 41		
Typical value thickness 2.0 mm		
Compressibility ASTM F36	%	8
Recovery ASTM F36	%	55
Relaxation stress DIN 52913		
16 hours, 300°C, 50 N/mm ²	N/mm ²	
16 hours, 175°C, 50 N/mm ²		20
Tensile strength DIN 52910	N/mm ²	7
Gas permeability DIN 3535/4	mg/s m	0.05
Thickness increase ASTM F146		
1) Oil IRM 903, 5h, 150°C	%	10
2) ASTM Fuel B, 5h, 23°C	%	10
Max operating conditions		
Peak Temperature	°C / °F	180 / 360
Continuous Temperature	°C / °F	140 / 284
Continuous Temperature with Steam	°C / °F	120 / 248
Pressure	Bar / psi	40 / 600

Colour BLUE	Dimensions mm	Tolerances
Standard L x W	1500 x 1500	+/- 2 % W & L
Other dimensions L x W	1500 x 3000	+/- 2 % W & L
Other dimensions L x W	1500 x 4500	+/- 2 % W & L
Thickness L x W	from 0,4 to 5,0	+/- 12 % th.

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.

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