



TECHNICAL DATA SHEET
PLANIFLEX PF 64

BASIS

Aramid fibers, NBR.

GENERAL PROPERTIES AND APPLICATION

Gasket material with good chemical, mechanical and thermal properties.
Suitable for general use.

APPROVALS

DWGW, KTW, WRc, BAM, HTB, SVGW, Germanischer Lloyd, BS 7531 Grade Y.

TECHNICAL DATA

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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 16 hours, 175°C, 50 N/mm ²	N/mm ²	22 28
Tensile strength DIN 52910	N/mm ²	11
Gas permeability DIN 3535/4	mg/s m	0.05
Thickness increase ASTM F146 1) ASTM FUEL B, 5h 23°C 2) Oil IRM 903, 5h, 150°C	% %	5 5
Max operating conditions		
Peak Temperature	°C/°F	400/662
Continuous Temperature	°C/°F	250/482
Continuous Temperature with Steam	°C/°F	220/392
Pressure	Bar/psi	100/1450



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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	da 0,4 a 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.

Carrara S.p.A., Via Provinciale 1/E 25030 Adro - BS - Italy - <http://www.carrara.it> - info@carrara.it

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