

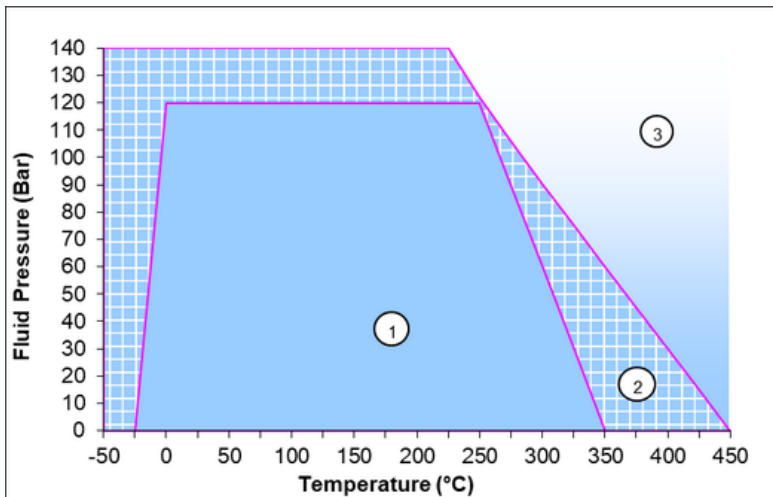
Basis

Gasket material based on Aramid fibre with NBR binder and steel wire reinforced.

Application

Gasket material with metal insert suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling, liquids for high stress conditions.

AF OIL-350 STEEL



Dimensions of the standard sheets:

Standard sheet sizes:

1500 X 1500 mm, 1500 X 2250 mm, 1500 X 4500 mm
 1500 X 1000 mm, 1000 X 1000 mm, 1500 X 4000 mm
 1500 X 2000 mm, 1300 X 3900 mm, 1270 X 1270 mm
 2100 X 3000 mm, 1500 X 3000 mm

Area of Application

- This area refers, the gasket material is normally suitable subject to chemical compatibility.
- This area refer, the gasket material may be suitable but a technical support is recommended.
- This area refer, do not install the gasket without technical evaluation.

Specification: ASTM

Finish: G/GR

(Other Colour on Customer requirement)

Technical data

All data are typical values and refer to sheet thickness of 2.00 mm

	Test Method	Specified Value	Unit
Max. Peak Temperature		450	°C
Max Operating Temperature		350	°C
Max. Operating Pressure		140	bar
Density	ASTM F 1315	1.70-2.00	g/cm ³
Compressibility	ASTM F 36 J	7-17.0	%
Recovery	ASTM F 36 J	≥ 40.0	%
Tensile Strength	ASTM F 152	≥ 13.7	N/mm ²
Gas Permeability	BS 7531	≤ 1.0	ml/min.
ASTM Oil No.3 (5h, 150°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Fuel B (5h, 23°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Water (5h, 100°C)	ASTM F 146		
Thickness Increase		≤ 10.0	%
Weight Increase		≤ 10.0	%
Stress Relaxation (16h X 300°C 2.0mm)	DIN 52913	≥ 28.0	MPA

All information and recommendations given in this website to the best of our knowledge. However, in view of the wide variety of possible installation and operating conditions one cannot draw the final conclusion in all application cases regarding the behaviour in a gasket joint. Therefore, Information can only serve as a guideline.