Gasket Sheet

AF OIL

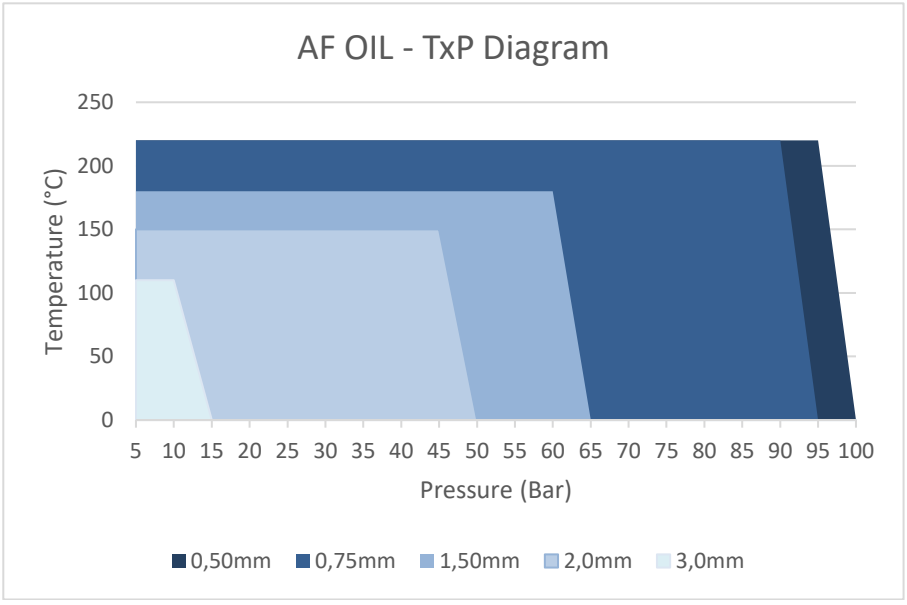
General properties and application

Versatile, oil resistant sheet designed for application with majority of media under medium temperatures and pressures. Environmentally friendly sheet type,

Material Description	**AF OIL** gasket sheet is based on aramid fibers, mineral fibers, and fillers bound with NBR rubber-based binder		
Designation according to DIN 28091-2	FA-AM1-O		
Maximum working conditions:			
Peak temperature	^{0}C	330	
Temperature under continuous operation	^{0}C	220	
Temperature under continuous operation with steam	^{0}C	160	
Pressure	MPa	10	
Dimensions:			
Standard thicknesses of sheets /thicknesses above 5.0 mm are produced by gluing	mm	0,4; 0,5; 0,8; 1,0; 1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0	+/- 0,1 +/- 10% +/- 10%
Standard dimensions of sheets /custom dimensions available within the total range of 1500x3000 mm	mm	1500x1500	+/- 10,0

Physical and Chemical Properties:			
Density +/- 5 %	g/cm^3	2,0	DIN 28090-2
Transverse tensile strength min.	MPa	7	DIN 52910
Compressibility,	%	10	ASTM F36
Elastic recovery - min.	%	55	ASTM F36
Residual stresses50MPa/16h/175ºC/ (min.)	MPa	28	DIN 52913
Increase in thickness:			
Model Oil no 3 150ºC/5h (max.)	%	5	ASTM F146
Model fuel B 20^{0}C/5h (max.)	%	5	ASTM F146
Distilled water 100 °C/4 h max.	%	2	ASTM F146
Color	Blue		

The values in the table refer to the gasket sheets with a thickness of 2.0 mm.



All information in this document is based on years of experience in manufacture and use of the discussed products. Since sealing performance in the joint is subject to multiple factors such as mounting method, system parameters, and sealed medium, technical parameters specified herein are of informative nature only and cannot be used as grounds for any claims any special uses of products are subject to consulting with the manufacturer.