

ARAGOMMA NERA**General properties and application**

High parameter sheet, containing aramid fibers and graphite. The sheet features high elasticity.

Recommended for application with steam. Water, fuel, oil resistant, among others.

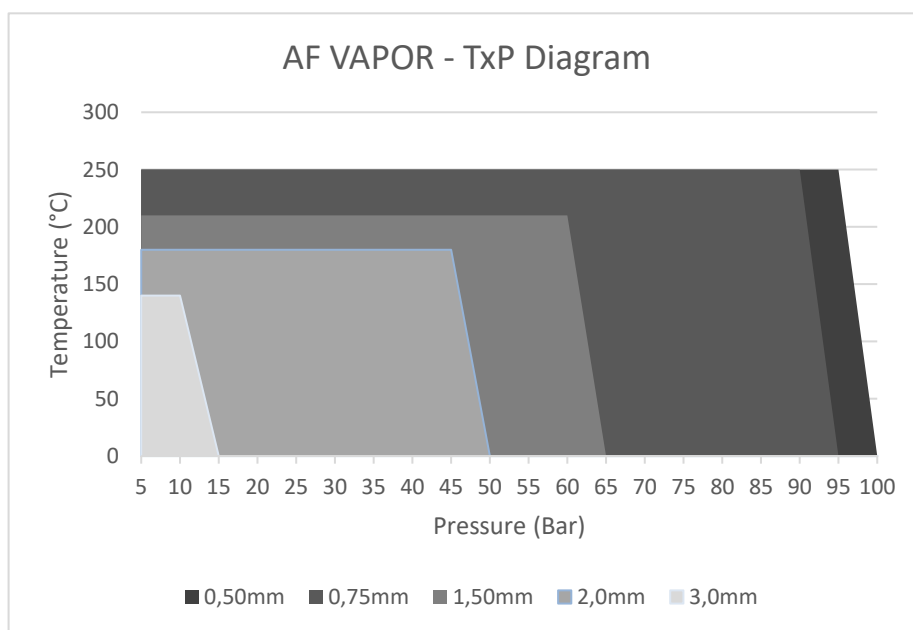
Material Description	AF VAPOR gasket sheet is based on aramid fibers, mineral fibers, and fillers bound with NBR rubber-based binder		
Designation according to DIN 28091-2	FA-AM1-O		
Maximum working conditions:			
Peak temperature	°C	380	
Temperature under continuous operation	°C	250	
Temperature under continuous operation with steam	°C	180	
Pressure	MPa	10	
Dimensions:			
Standard thicknesses of sheets	mm	0,5; 0,8;	+/- 0,1
/thicknesses above 5.0 mm are		1,0; 1,5; 2,0; 2,5;	+/- 10%
produced by gluing/		3,0; 4,0; 5,0; 6,0	+/- 10%
Standard dimensions of sheets /custom dimensions available within the total range of 1500x3000 mm/	mm	1500x1500	+/- 10,0

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.

Physical and Chemical Properties:

Density +/- 5 %	g/cm ³	2,0	DIN 28090-2
Transverse tensile strength min.	MPa	9	DIN 52910
Compressibility,	%	10	ASTM F36
Elastic recovery - min.	%	50	ASTM F36
Residual stresses 50MPa/16h/175°C/ (min.)	MPa	30	DIN 52913
<i>Increase in thickness:</i>			
Model Oil no 3 150°C/5h (max.)	%	5	ASTM F146
Model fuel B 20°C/5h (max.)	%	6	ASTM F146
Distilled water 100 °C/4 h max.	%	2	ASTM F146
Color	Black		

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



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