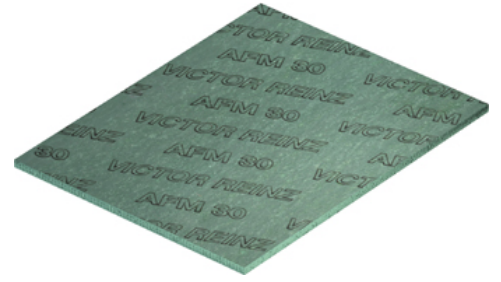


VICTOR REINZ

AFM 30



GASKET MATERIAL

Material

It is composed of aramide fibres and other asbestos substitutes which are resistant to high temperatures. These substitutes are processed with high-grade elastomers under elevated pressure and temperature.

Properties

AFM 30 is conformable and possesses excellent mechanical / thermal resistance, as shown by its high value of residual stress. It is ideal for sealing off gases and fluids.

Application

- for compressors, pipelines, apparatus, transmissions, gas meters and IC engines
- for sealing engine, transmission, hydraulic, and refrigerating oils
- for sealing fuels, mixtures of water, antifreeze & corrosion inhibitors
- for sealing Freons, alkaline solutions, and solvents

Technical Data

Density	g/cm ³	1.75 - 1.95
Ignition Loss DIN 52911	%	< 36
Tensile Strength ASTM F 152 (across grain)	N/mm ²	> 12
Tensile Strength DIN 52910 (across grain)	N/mm ²	> 9
Residual Stress DIN 52913 (16h / 300 C)	N/mm ²	25
Residual Stress DIN 52913 (16h / 175 C)	N/mm ²	36
Compress bility ASTM F 36 J	%	7 - 15
Recovery ASTM F 36 J	%	> 50
Sealability against nitrogen DIN 3535/6	mg/(s*m)	0.05
Thickness Increase ASTM F 146 (oil IRM 903: 5 h/150 C)	%	< 10
Weight Increase ASTM F 146 (oil IRM 903: 5 h/150 C)	%	< 10
Thickness Increase ASTM F 146 (fuel B: 5 h/23 C)	%	< 10
Weight Increase ASTM F 146 (fuel B: 5 h/23 C)	%	< 10
Thickness Increase ASTM F 146 (water / antifreeze 50:50 5h/100 C)	%	< 5
Weight Increase ASTM F 146 (water / antifreeze 50:50 5h/100 C)	%	< 10
Short Term Peak Temperature	C	400
Maximum Continuous Temperature	C	250
Maximum Continuous Pressure	bar	125
Typical values for	mm	2

Form of Delivery

Gaskets according to a drawing, dimensions supplied, or other arrangement.

Sheets Size x (Standart Size) x Thickness

- 1500 x 1500 x 0.30 mm
- 1500 x 1500 x 0.50 mm
- 1500 x 1500 x 0.75 mm
- 1500 x 1500 x 1.00 mm
- 1500 x 1500 x 1.50 mm
- 1500 x 1500 x 2.00 mm
- 1500 x 1500 x 3.00 mm
- 1500 x 1500 x 4.00 mm
- 1500 x 1500 x 5.00 mm