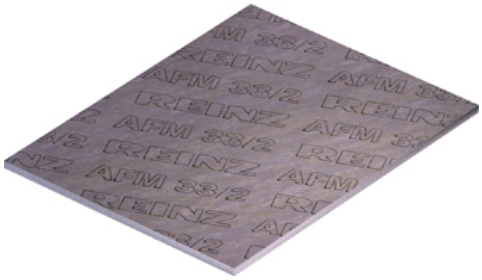
VICTOR REINZ
AFM 33/2



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 33/2 is a gasket material with controlled swelling characteristics in oil. In spite of its controlled swelling in oil that results in particularly good conformability to sealing surfaces, AFM 33/2 exhibits dimensional stability and good tensile strength. In addition, the material seals gases very well.

Application

-for sealing engine, hydraulic, transmission, refrigerating oils and other hydrocarbons
-for sealing air, mixtures of water and antifreeze & corrosion inhibitors
-for sealed joints with low sealing pressure or uneven sealing surfaces, e.g. for covers, housings, valve covers, oil pans
-for components that are subject to high mechanical stress, yet require a relatively "soft" gasket.

Technical Data

Density	g/cm3	1.55 - 1.75
Ignition Loss DIN 52911	%	< 40
Tensile Strength ASTM F 152 (across grain)	N/mm2	> 14
Tensile Strength DIN 52910 (across grain)	N/mm2	> 10
Residual Stress DIN 52913 (16h / 300 C)	N/mm2	
Residual Stress DIN 52913 (16h / 175 C)	N/mm2	32
Compressibility ASTM F 36 J	%	8 - 15
Recovery ASTM F 36 J	%	> 55
Sealability against nitrogen DIN 3535/6	mg/(s*m)	< 0.1
Thickness Increase ASTM F 146 (oil IRM 903: 5 h/150 C)	%	10 - 30
Weight Increase ASTM F 146 (oil IRM 903: 5 h/150 C)	%	10 - 30
Thickness Increase ASTM F 146 (fuel B: 5 h/23 C)	%	10 - 30
Weight Increase ASTM F 146 (fuel B: 5 h/23 C)	%	10 - 20
Thickness Increase ASTM F 146 (water / antifreeze 50:50 5h/100 C)	%	
Weight Increase ASTM F 146 (water / antifreeze 50:50 5h/100 C)	%	
Short Term Peak Temperature	C	400
Maximum Continuous Temperature	C	200
Maximum Continuous Pressure	bar	120
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