

MATERIAL DATASHEET

Compound :	Aflas® 75 Sh FA-100H
Specifications :	
Code elastotech :	AF75H
Elastomere :	FEPM
Case Hardening Temperature :	-5°C/+204°C
Color :	Black
License/Certificate :	Application :



1. Excellent heat resistance

Propylene unit is completely arranged between the neighboring tetrafluoroethylene units. This structure provides excellent heat resistance even with a lower fluorine content. It is possible to use Aflas TM continuously for three months at 230°C and 30 days at 260°C. It can be used at 300°C for a short time.

2. Excellent chemical resistance

Because of its stable chemical structure, AflasTM has very good chemical resistance against high concentration of acid /alkali / oxidant under high temperature. It is superior in this property to the conventional FKM.

Properties	Unit	Norme	Value
Density	Kg.m-3	ISO2781	1640
Hardness shore A	Point	ISO7619	75 ± 5
Tensile strength	MPa	ISO37	16
Ultimate elongation	%	ISO37	240
Heat Ageing 70h@200°C		ISO188	
Hardness shore A	Point	ISO7619	+2
Tensile strength	%	ISO37	-10
Ultimate elongation	%	ISO37	-15
Steam Resistance 70h@180°C		ISO1817	
Hardness shore A	Point	ISO7619	-5
Tensile strength	%	ISO37	-18
Ultimate elongation	%	ISO37	-22
Volume	%		+6.5

The above information corresponds to our current knowledge and is offered solely to provide possible suggestions for your own experimentations. It is not intended to substitute any testing you may need to conduct to determine suitability of our products for your end use. Elastotech SA makes no warranties and assumes no liability in connection with any use of the above information.

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