

## Aflas® 75 Sh FA-100S

<b>Compound :</b>	Aflas® 75 Sh FA-100S
<b>Specifications :</b>	
<b>Code elastotech :</b>	AF75S
<b>Elastomere :</b>	FEPM
<b>Case Hardening Temperature :</b>	-5°C/+204°C
<b>Color :</b>	Black
<b>License/Certificate :</b>	<b>Application :</b>



**Heat Resistance:** Mechanical properties of Aflas® do not deteriorate even when used for prolonged exposure to 200°C. Aflas® can be used continuously for 2 to 3 months at 230°C and for 10-30 days at 260°C.

**Oil Resistance:** Aflas® is resistant to lubricating and hydraulic oils at high temperatures especially today's high-performance engine oils formulated with amine additives.

**Electrical Properties:** Aflas® has excellent volume resistivity (greater than 10<sup>16</sup> ohm-cm) unmatched by other fluoroelastomers.

**Solvent Resistance:** Aflas® offers high resistance to polar solvents such as alcohols and amines.

**Acid/Alkali Resistance:** Parts fabricated from Aflas® compounds perform well upon exposure to many acids and alkalis. Base resistance of Aflas® is substantially better than that of FKM fluoroelastomers.

Properties	Unit	Norme	Value
Density	Kg.m-3	ISO2781	1580
Hardness shore A	Point	ISO7619	75 ± 5
Tensile strength	MPa	ISO37	24
Ultimate elongation	%	ISO37	240
<b>Heat Ageing 200h@200°C</b>		<b>ISO188</b>	
Hardness shore A	Point	ISO7619	+1
Tensile strength	%	ISO37	-5
Ultimate elongation	%	ISO37	-12
<b>Steam Resistance 168h@160°C</b>		<b>ISO1817</b>	
Hardness shore A	Point	ISO7619	-3
Volume	%		+4.5

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.

### ELASTOTECH SA

1 Rue des Frères Lumière , 01200 Bellegarde/Valserine , France  
Téléphone : +33 450 566 700 Télécopie : +33 450 566 709  
Email : contact@elastotech.fr