



Case Hardening Temperature :	-5°C/+204°C
Color :	Black
Type:	TFE-P dipolymer type
Applications :	AFLAS® 100 and 150 grades are high performance fluoroelastomers with excellent base resistance and electrical resistivity due to the polymer structure which is totally different from FKM.
ASTM D2000 :	M2HK810A1-10B38 EO78(EO88) Z:HD75±5

Properties	Unit	Norm	Specification	Value
Density	Kg.m-3			1732
Hardness shore A	Point	ASTM D2240	75±5	78
Tensile strength	Mpa	ASTM D412	10 min	15.3
Ultimate elongation	%	ASTM D412	150 min	204
Tear resitance (Die C)	Kgf/cm	ASTM D624		31
B38 Compression set 22h@200°C	%	ASTM D395 B	50 max	24
A1-10 Heat Ageing 70h@250°C		ASTM D573		
-Hardness change	Point		+10 max	0
-Tensile strength change	%		-25 max	-2
-Ultimate elongation	%		-25 max	-13
A Heat Ageing 70h@275°C		ASTM D573		
-Hardness change	Point			0
-Tensile strength change	%			-35
-Ultimate elongation	%			+3

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ELASTOTECH SA

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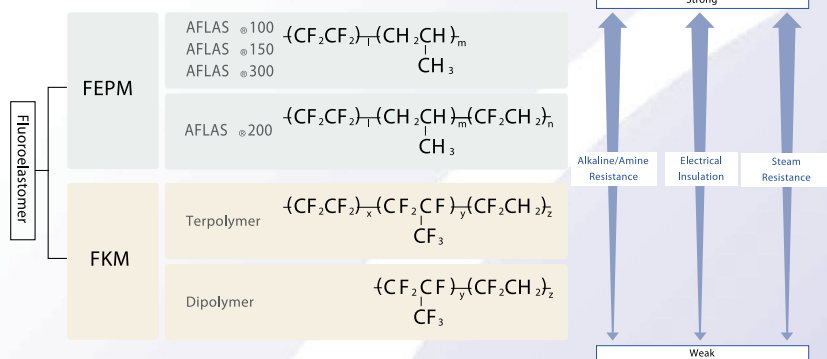
Properties	Unit	Norm	Specification	Value
EO78 ASTM Reference 101 Immersion 70h@200°C		ASTM D471		
-Hardness change	Point		-15 to +5	-13
-Tensile strength change	%		-40 max	-11
-Ultimate elongation	%		-20 max	+11
-Volume Change	%		0 to +15	+14.6
EO88 SAE Fluid No. 2 Blend 7700 Immersion 70h@200°C		ASTM D471		
-Hardness change	Point			-13
-Tensile strength change	%			-7
-Ultimate elongation	%			+13
-Volume Change	%			+13.9
EF ASTM Reference Fuel C Immersion 70h@23°C		ASTM D471		
-Hardness change	Point			-26
-Tensile strength change	%			-52
-Ultimate elongation	%			-36
-Volume Change	%			+39.6

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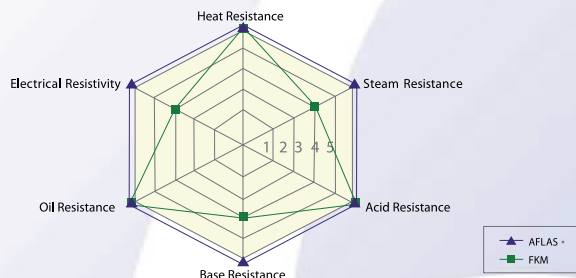


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Structure and Features of AFLAS



Overview of Properties



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