



## VF75-N123

This TDS describes a perfluorinated rubber FFKM compound with excellent mechanical and chemical resistance, it has an outstanding resistance at high temperature

This compound is suitable for oils and lubricants sealing in hydraulic and pneumatic application with aggressive media and where extremely high temperature resistance is required compared to standard fluorinated compounds





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PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	ISO 2781	g/cm <sup>3</sup>	1,91
Hardness	ISO 48	IRHD	75
Tensile strength	ISO 37	MPa	17,8
Elongation	ISO 37	%	163
Modulus 100%	ISO 37	MPa	10
Tear strength	ISO 34	N/mm	36,1
Service temperature (min-max)	/	°C	-15/+330
Compression set 72 hrs at 204 °C	ASTM D1414	%	14

### CHEMICAL RESISTANCE GUIDELINE

1 = suitable, little or no effect		3 = Moderate to severe effect – may be useful in some limited applications	
2 = Minor to moderate effect, not maximum resistance		4 = Unsuitable and not recommended – severe effect	
<u>Chemical group</u>	<u>Rating</u>	<u>Chemical group</u>	<u>Rating</u>
Aromatics / Aliphatic oils	1	Esters	1
Acids	1	Ketones	1
Alkalis	1	Propylene Oxide	1
Alcohol's	1	Steam / Hot Water	1
Aldehydes	1	Strong Oxidisers	1
Amines	1		
Ethers	1		
Ethylene Oxide	1		

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