

## Technical Data Sheet

## A-VF 75-00

- FKM material
- Bisphenolic cured
- Fluorine content approx. 66 %
- Complies with Siemens regulation 53145-1
- Resistant to transformer oil
- can be used at short notice up to +275 °C

### Technical Data

Polymer	DIN ISO 1629		FKM
Colour			black
Temperature resistance heat		[°C]	+250
Temperature resistance cold		[°C]	-15
Shore hardness A	ISO 7619-1 / 3s	[ShA]	75 ± 5
Density	DIN EN ISO 1183 ISO 2781	[g/cm <sup>3</sup> ]	1.96 ± 0.03
Tensile strength	ISO 37	[N/mm <sup>2</sup> ]	> 7
Elongation at break	ISO 37	[%]	> 200
Compression set 24 h / 70 °C	ISO 815	[%]	< 25
Ozone resistance 50 pphm, 40 °C, 72 h, 20 % elongation	ISO 1431-1		ozone resistant
Special volume resistance	VDE 0303-30	[Ωcm]	insulating



















### Applications

Gaskets, moulded parts and hoses, cable insulations, everywhere, where high temperatures and excellent chemical resistance is required.

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### Resistances

 heat resistance	 cold flexibility	 weather/ozone	 light	 tensile strength	 impact resilience
 abrasion resistance	 fuel resistance	 diesel resistance	 drinking water quality	 water at 100°	 fire resistance
 oil resistance	 bases resistance	 acid resistance	 gas permeability	 antistatic	 plexiglass compatibility

### Delivery forms

The material is available in rolls.

- Length max 10 m
- Width 1,400 mm
- Thickness 1 mm  
2 mm  
3 mm

Other sizes and cut-to-size pieces upon request.

The technical data (average values) as well as material information are based on our present knowledge and experiences. They free the user because of the fullness of possible influences by the application of our products, however, not from own tests and attempts in the approach of the real application. Because of the peculiarities of every individual case we can take over no liability for our indications. On request we are available gladly with information.