

FFKM 75 / 80-18-75008

75 ShA / peroxide crosslinked / white

- Perfluoroelastomer
- Standard material
- Excellent resistance to very high temperatures and chemicals.
- High stability against inorganic acids, alkalis, ketones, esters, alcohols, fuels and hot water.
- Reliability for static and dynamic applications, very low permeability.

Property	Value	Unit	DIN Standard
Hardness	75 ±5	Shore A	ASTM D2240
Density	2,11	–	QCM 14.10
Tensile strength at 100% elongation	4,7	N/mm ²	DIN 53504
Elongation at break	230	%	DIN 53504
Tensile strength	10,6	N/mm ²	DIN 53504
Compression set 200°C/70h	18	%	ASTM D395 method B
Compression set 316°C/70h	58	%	ASTM D395 method B
min. operating temperature	–	°C	constantly
max. operating temperature	300	°C	constantly

All above stated data result from random tests which were taken from the ongoing production. All data were established based on standard test-specimen according to ISO, DIN and ASTM standards and can basically not be carried over to the construction element.

Our applied technical advice, either oral, written or through tests is given according to our best knowledge. However, this information is to be considered as non-obligatory instruction, also in terms of any protective rights of a third party, and does not exempt you from testing our product in reference to its suitability for the intended process and purpose. Utilisation, application and processing of the products occur entirely outside of our control and are therefore exclusively your responsibility. However, should a case of liability come into question, it will be limited to all damages in the value of the product which we delivered and you used. By all means, we do warrant the impeccable quality of our products in accordance with our general sales and delivery conditions.