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Description: FKM-SPONGE RUBBER

Elastomer: FKM Colour: black

Curing conditions:

Form: cord 10 mm Post Cure: 10h/200 °C

Temperature: 150 °C/Steam

Time: 60 min

Tensile strength		N/mm²	DIN 53504, tolerance ± 25%
Elongation at break		%	DIN 53504, tolerance ± 35%
Hardness Shore A	30	Shore A	DIN ISO 7619-1, tolerance ± 5
Specific weight	0,8	g/cm³	DIN EN ISO 1183, tolerance ± 0,05

Compression-Set	27	%	DIN ISO 815-1
Temperature:	150	°C	tolerance ±25%
Time:	22	h	

Fluid resistance	Fluid:				
Т	emperature:				°C
	Time:				h
	Standard:	DIN ISO 1817	DIN ISO 1817	DIN ISO 1817	
Weight change					%
Volume change					%
Hardness change					Shore A
Tensile strength change	·				%
Elongation at break change					%

General properties:

Temperature resistance: -15 °C to 200 °C

Short time peak temperature: 300 °C
Oil resistance: excellent
Gasoline resistance: excellent
Chemical resistance: excellent
Weathering resistance: excellent
Ozone resistance: excellent

Other features: low gas permeability, not flammable in own flame

hot water and steam sensitive; sensitive to the effect of

amines, poor low temperature flexibility

Important note: Our reports are based on measurements carried out on standard test specimens in the laboratory. Data for finished parts may differ from the above values, depending on the manufacturing process and the geometry of the part. All technical data given here is based on characteristic output values and these do not replace agreements of specific quality characteristics made on orders.