



date: 01.02.2017

Parameter	Value	Unit	Norm
Elastomer base	FKM		
Geometry	Tube		
Density	1,95 +/-0,1	g/cm ³	ASTM D297
Hardness	64 +/-5	Shore A	ASTM D2240
Tensile strength	14,2	MPa	ASTM D412
Elongation at break	310	%	ASTM D412
Compression set	24 at 200°C; 70h	%	
Temperature	-35 to +200	°C	
Color	black		

Specification

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Resistance to aging:

Excellent resistance against weathering, ozone, UV and light at high temperatures.

Chemical resistance:

Highly resistant to aliphatic hydrocarbons, hexane, iso-octane, gasoline, diesel fuels, heating oil, mineral oils, ASTM oils Nr.1,2 and 3, ethanol and alcohols (except methanol), phenols, glycols, Suds. Washings, detergents, ionic and nonionic surfactants, perchlorethylene, sodium hypochlorite (Javel water).

Good resistance to aromatic hydrocarbons, chlorine gas, Acid, hydrochloric and dilute hydroxide solutions.

Good gas impermeability

The values of these specifications come from regular controls of the compounds with the aid of norm samples and perform an average. They correspond to the actual state of the knowledge, the latest development of the sciences and our experience. They do not specify sure properties for the final products. The indications in this data sheet are only a description of the typical properties and represent an aid and information for the user to give him some suggestions for his own application. But it remains in his responsibility to make sure with a specific trial that our product suits for his own purpose.

We strive to continuously improve our products. We reserve the right to modify and adjust the data sheet and our blends referring to the material properties. These will be documented with a new change status (date).