



date: 22.03.2017

data sheet **product** **TUBE FKM 70**

Parameter	Value	Unit	Norm
Elastomer base	FKM		
Geometry	Tube; Profile		
Density	2,01	g/cm ³	ASTM D 297
Hardness	70 +/-5	Shore A	ASTM D 2240
Tensile strength	13,1	MPa	ASTM D 412
Elongation at break	268	%	ASTM D 412
Compression set	28 at 200 °C; 70 h	%	ASTM D 395 B2
Temperature	-15 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 finals 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).