



date: 02.12.2015

**data sheet**      product **TUBE PRESSION**

Parameter	Value	Unit	Norm
Elastomer base	TPE with polyester fabric insert		
Geometry	Tube		
Density	0,97 +/-0,3	g/cm <sup>3</sup>	DIN 53479
Hardness	64 +/-5	Shore	DIN 53505
Tensile strength	>6,5	MPa	DIN 53504
Elongation at break	>400	%	DIN 53504
Module 100	2,3	MPa	DIN 53504
Compression set	23 at 25°C; 168 h	%	ASTM D-995 B
Compression set	36 at 100°C; 168 h	%	ASTM D-995 B
Temperature	-45 to +135	°C	
Color	beige		

**Specification**

compliant: FDA §177.2600; EU 2003/11/EC, LMGB; NSF51; UL listed no. QMFZ2.E80017

with polyester fabric, max. Test pressure <35 bar at 23 ° C,

**aging resistance**

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

**Chemical resistance**

Very good chemical resistance to aqueous media, acids, bases and many organic solvents. Good resistance to milk and vegetable oils.

Fatigue strength:> 3 million cycles

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).