



date: 01.01.2016

data sheet product **TUBE SIL - TRESSE**

Parameter	Value	Unit	Norm
Elastomer base	Silicone with glassfabric insert		
Geometry	Tube		
Density fabric insert	1,18 +/-0,02	g/cm ³	DIN 53749 A
Density cover	1,13 +/-0,02	g/cm ³	DIN 53749 A
Hardness fabric insert	70 +/-5	Shore A	DIN 53505
Hardness cover	60 +/-5	Shore A	DIN 53505
Tensil strength fabric insert	11	N/mm ²	DIN 53504 S1
Tensil strength cover	9,8	N/mm ²	DIN 53504 S1
Elongation at break fabric insert	430	%	DIN 53504 S1
Compression set fabric insert	48 at 175 °C; 22 h	%	ISO 815-B
Compression set cover	35 at 175 °C; 22 h	%	ISO 815-B
	24	N/mm	ASTM 624 B
	21	N/mm	ASTM 624 B
Temperature	-60 to 200	°C	
Color	translucent		

Specification

compliant: FDA §177.2600; BfR XV; USP Class VI (fabric insert); EC 1935/2004

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).