



TECHNICAL DATA SHEET

Viton Rubber Sheeting

Properties	Test Method	Value FPS	Test Method	Value (Metric)
Specific Gravity	ASTM D297	2lb/ft ³	DIN 53508	2 g/cm ³
Hardness	ASTM D2240	75 ± 5 Shore A	DIN 53505	75 ± 5 Shore A
Tensile Strength (Min)	ASTM D412	855 PSI	DIN 53504	60 kg/cm ²
Elongation @ Break (Min)	ASTM D412	200%	DIN 53504	200%
Compression Set(150°C,24hrs,25%set)(max)	ASTM D395 B	55%	DIN 53517	55%
Change in Properties				
Heat Ageing (72 hrs at 150°C)	ASTM D573			
- Hardness (pts)		+ 5pts(Max)		+ 5(Max)
- Tensile Strength %		+ 15 /		+ 15 /
- Elongation at Break %		+ 25 / - 25		+ 25 / - 25
Volume Swell at 150°C for 24 hrs/in:	ASTM D471			
- ASTM Oil No.901		-8%		-8%
- ASTM Oil No.902		-1%		-1%
- ASTM Oil No.903		6%		6%
Chemical Resistance	ASTM D1149			
- Ozone		Excellent		Excellent
- Dilute Acids and Bases		Excellent		Excellent
- Concentrated Acid and Bases		Excellent		Excellent
- Oils		Very Good		Very Good
- Solvents		Very Good		Very Good
Temperature Range		- 20 to + 275 ° C		- 20 to + 275 ° C

All recommendations and information contained on this data sheet are, to the best of our knowledge, correct. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied in respect of information or recommendations, or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.