



Silicone Rubber Sheetting

Technical Data Sheet

Tear Resistance (Angular, Min)	ASTM D624	140 lbs/inch	DIN 53515	25 kg/cm
Density	ASTM D297	1.20 lb/ft ³	DIN 53508	1.20 g/cm ³
Hardness	ASTM D2240	60 ± 5 Shore A	DIN 53505	60 ± 5 Shore A
Tensile Strength (Min)	ASTM D412	855 PSI	DIN 53504	60 kg/cm ²
Elongation @ Break (Min)	ASTM D412	250%	DIN 53504	250%
Abrasion Resistance (Max)	ASTM D5963	N/A	DIN 53516	N/A
Compression Set (70°C/24 hrs/25% compression) (Max)	ASTM D395 Method B	30%	DIN 53517	30%
Change in Properties (after heat ageing for 72 hrs/100°C)	ASTM D573			
- Hardness		+ 2 pts (Max)		+ 2 pts (Max)
- Tensile Strength		+ 5 / -5 %		+ 5 / -5 %
- Elongation @ Break		+ 5 / -5 %		+ 5 / -5 %
Volume Swell (after 72 hrs/70°C)	ASTM D 471			
ASTM Oil No. 1		Not Recommended		Not Recommended
ASTM Oil No. 2		Not Recommended		Not Recommended
ASTM Oil No. 3		Not Recommended		Not Recommended
Chemical Resistance				
Ozone	ASTM D1149	Excellent		Excellent
Dilute Acids and Bases		Excellent		Excellent
Concentrated Acids and Bases		Excellent		Excellent
Oils		Good		Good
Solvents		Fair		Fair
Temperature Range		-70 to + 250°C		-70 to + 250°C