

SILICONE 55 DURO

Commercial Grade

Tensile Strength: 1143 PSI Silicone Content: 90%
Elongation: 540% Color: Carrot-Orange
Durometer: 55 +/- 5 deg Temp. Range: -50F to +392F



Wrap Cover Label

<u>Gauge</u>	<u>Width</u>	<u>Ln. Ft/Roll</u>	<u>Sq. Yds/Roll</u>	<u>Lbs/Roll</u>	<u>Item Code</u>
1/16"	36"	50'	16.6	61	S-2-36
3/32"	36"	50'	16.6	91	S-3-36
1/8"	36"	50'	16.6	122	S-4-36
5/32"	36"	50'	16.6	152	S-5-36
1/4"	36"	50'	16.6	243	S-8-36

<u>Gauge</u>	<u>Width</u>	<u>Ln. Ft/Roll</u>	<u>Sq. Yds/Roll</u>	<u>Lbs/Roll</u>	<u>Item Code</u>
1/16"	48"	50'	22.2	81	S-2-48
3/32"	48"	50'	22.2	122	S-3-48
1/8"	48"	50'	22.2	162	S-4-48
5/32"	48"	50'	22.2	203	S-5-48
1/4"	48"	50'	22.2	324	S-8-48

<u>Gauge</u>	<u>Width</u>	<u>Ln. Ft/Roll</u>	<u>Sq. Yds/Roll</u>	<u>Lbs/Roll</u>	<u>Item Code</u>
1/16"	36"	25'	8.3	30	S-2-36-25
3/32"	36"	25'	8.3	45	S-3-36-25
1/8"	36"	25'	8.3	61	S-4-36-25
5/32"	36"	25'	8.3	76	S-5-36-25
1/4"	36"	25'	8.3	121	S-8-36-25

<u>Gauge</u>	<u>Width</u>	<u>Ln. Ft/Roll</u>	<u>Sq. Yds/Roll</u>	<u>Lbs/Roll</u>	<u>Item Code</u>
1/16"	48"	25'	11.10	40	S-2-48-25
3/32"	48"	25'	11.10	61	S-3-48-25
1/8"	48"	25'	11.10	81	S-4-48-25
5/32"	48"	25'	11.10	101	S-5-48-25
1/4"	48"	25'	11.10	162	S-8-48-25



*40 Durometer Translucent color available upon special request.
Current market pricing applies. Call customer service.*

**SILICON SHEET
PHYSICAL PROPERTIES**

COMPOUND

POLYMER

SILICON

ASTM METHOD	DESCRIPTION	TYPICAL VALUE	UNITS
D2240	HARDNESS	53	SHORE "A" DUROMETER
D412	100% MODULUS		PSI
D412	300% MODULUS		PSI
D412	TENSILE	1143	PSI
D412	ELONGATION	540	%
D624	TEAR	200	Lbs/in
D1630	NBS ABRASION		%
D2137	COLD TEMPERATURE		SH
D1171	OZONE RESISTANCE	HOURS @ 50	PPHM RATING
D257	VOLUME RESISTIVITY		Ohm-cm
D395B	COMPRESSION SET	22 HOURS	@ 70°C 3%
D2084	CURED @ 151°C T2		min.
	CURED @ 151°C T95		min.
D1646	MOONEY SCORCH 135SH		min. T5
D1646	VISCOSITY 100°C		ML4
D573	HEAT AGING	72 HOURS	@ 200°C
	CHANGED-HARDNESS	2	POINTS
	CHANGED-TENSILE	-5	%
	CHANGED-ELONGATION	-10	%
	VOLUME RESISTIVITY		$8 \times 10^{14} \Omega \cdot \text{cm}$
	DIELECTRIC STRENGTH		20KV / MM

THICKNESS	TOLERANCE	WIDTH	TOLERANCE
1/32" = 0.031	0.027~0.039	36"	±0.25"
1/16" = 0.063	0.055 ~ 0.071	48"	±0.30"
3/32" = 0.094	0.087 ~ 0.102	52"	±0.35"
1/8" = 0.125	0.118 ~ 0.134	72"	±0.50"
3/16" = 0.189	0.177 ~ 0.201		
3/64" = 0.047	0.039 ~ 0.055		
1/4" = 0.252	0.240 ~ 0.264		
3/8" = 0.374	0.358 ~ 0.390		
1/2" = 0.5	0.472 ~ 0.532		
3/4" = 0.748	0.709 ~ 0.787		
1" = 1	0.945 ~ 1.055		