Santoprene, Aflas & Silicone Rubber

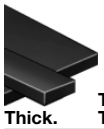
For information about rubber and durometer hardness scales, see page 3498.

Weather- and Chemical-Resistant Santoprene Rubber

- Color: Black, unless noted
- Temperature Range: –50° to +275° F
- Tensile Strength: 640 psi
- Use indoors and outdoors

This thermoplastic rubber combines characteristics of plastic and rubber to produce a material that offers good weather and chemical resistance while retaining its stretchability.

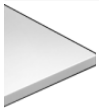
Sheets, Sheeting, and Strips—Smooth Finish



Sheets have width and length tolerances of ±3/32″. Sheeting has a width tolerance of ±3/16″ and a length tolerance of +1″. Durometer hardness is 55A (medium). Durometer tolerance is ±5. Maximum continuous length for sheeting is 50 ft.

		SHEETS				SHEETING	STRIPS			
Thick.	Thick. Tol.	12″×12″	Each	12″×24″	Each	36″ Wide Per Ft.	3″ Wd.×36″ Lg. Each	6″ Wd.×36″ Lg. Each	9″ Wd.×36″ Lg. Each
1/32″	±0.012″	86215K11	$5.17	86215K21	$9.13	86215K41	$11.00	86215K51	$4.51	86215K61	$7.70	86215K71	$10.56
1/16″	±0.016″	86215K12	9.61	86215K22	15.97	86215K42	20.84	86215K52	8.56	86215K62	14.59	86215K72	20.01
3/32″	±0.016″	86215K13	14.41	86215K23	24.01	86215K43	30.05	86215K53	12.62	86215K63	21.04	86215K73	28.85
1/8″	±0.020″	86215K14	16.98	86215K24	29.03	86215K44	37.85	86215K54	14.64	86215K64	24.60	86215K74	36.34
1/4″	±0.050″	86215K16	28.21	86215K26	51.27	86215K46	67.48	86215K56	26.95	86215K66	45.21	86215K76	64.78

FDA-Compliant Sheets and Sheeting—Smooth Finish



- Color: Off-white

Made from FDA-compliant materials. Sheets have width and length tolerances of ±3/32″. Sheeting has a width tolerance of ±1″. Durometer hardness is 55A (medium). Durometer tolerance is ±5.

		SHEETS				SHEETING	
Thick.	Thick. Tolerance	12″×12″	Each	12″×24″	Each	36″ Wide Max. Lg.	Per Ft.
1/32″	±0.012″	7848K31	$5.76	7848K41	$9.58	50 ft.	7848K51	$12.34
1/16″	±0.016″	7848K32	11.04	7848K42	18.41	50 ft.	7848K52	21.70
1/8″	±0.020″	7848K34	18.64	7848K44	31.03	50 ft.	7848K54	37.25

Cord—Smooth Finish



Durometer hardness is 55A (medium). Durometer tolerance is ±5. **To Order:** Please specify length: 5, 10, 25, 50, or 100 ft. Maximum continuous length is 100 ft.

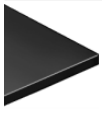
Dia.	Dia. Tolerance	Per Ft.	Dia.	Dia. Tolerance	Per Ft.
1/8″	±0.016″	6289K11	$0.33	3/8″	±0.027″	6289K13	$1.59
1/4″	±0.020″	6289K12	.78	1/2″	±0.031″	6289K14	2.18

Ultra-Chemical-Resistant Aflas Rubber

- Color: Black
- Temperature Range: –25° to +392° F
- Tensile Strength: 2600 psi
- Use indoors and outdoors

In addition to being our most chemical-resistant rubber, Aflas withstands high temperatures so it's suitable for use in extreme conditions.

Sheets—Smooth Finish



Width and length tolerances are ±1/4″ for 6″×6″ sheets and ±1/2″ for 12″×12″ sheets. Durometer hardness is 75A (hard). Durometer tolerance is ±5.

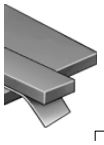
Thick.	Thick. Tolerance	6″×6″	Each	12″×12″	Each	Thick.	Thick. Tolerance	6″×6″	Each	12″×12″	Each
1/32″	±0.010″	5499T11	$9.47	5499T19	$31.58	3/16″	±0.031″	5499T15	$42.51	5499T24	$141.71
1/16″	±0.016″	5499T12	18.22	5499T21	60.75	1/4″	±0.031″	5499T16	54.06	5499T25	180.20
1/8″	±0.020″	5499T14	31.85	5499T23	106.16	3/8″	±0.031″	5499T17	75.89	5499T26	252.96

Extreme-Temperature Silicone Rubber

- Color: Orange to red, unless noted
- Temperature Range: –60° to +400° F, unless noted
- Tensile Strength: 650 psi
- Use indoors and outdoors

If you're looking for good flexibility across a wide temperature range, silicone rubber is the choice for you. Also known as polysiloxane, this material offers good resistance to ozone, sunlight, and oxidation and is a very good electrical insulator.

Sheets and Strips—Smooth Finish



- Temperature Range: *Sheets*: –60° to +500° F; *strips*: –60° to +400° F

Rubber, but not adhesive, meets ASTM D2000 GE and MIL-ZZR-765, Class 2A and 2B. Adhesive is acrylic and has a temperature range of 0° to 180° F. Thickness tolerance is ±0.015″ for 1/32″ thickness, ±0.032″ for 1/16″ to 3/16″ thicknesses, and ±0.046″ for 1/4″ to 1/2″ thicknesses. Sheets have width and length tolerances of ±1 1/8″. Strips have a width tolerance of ±1/32″ and a length tolerance of ±3/4″. Durometer tolerance is ±5. **To Order:** For sheets, please specify durometer hardness: 40A (medium soft), 50A (medium), 60A (medium hard), or 70A (hard). Strips are only available in 50A durometer hardness.

	SHEETS						STRIPS					
Thick.	12″×12″	Each	24″×24″	Each	36″×36″	Each	1/2″ Wd.×36″ Lg.	Each	3/4″ Wd.×36″ Lg.	Each	1″ Wd.×36″ Lg.	Each	2″ Wd.×36″ Lg.	Each
Plain Back														
1/32″	8632K41	$5.73	8632K51	$19.87	8632K91	$38.96	7665K28	$2.11	7665K29	$2.67	7665K31	$3.41	7665K32	$4.30
1/16″	8632K42	9.46	8632K52	32.82	8632K92	64.35	7665K11	2.25	7665K15	2.85	7665K19	3.62	7665K24	4.87
3/32″	8632K43	12.28	8632K53	42.61	8632K93	83.54	7665K12	3.40	7665K16	4.26	7665K21	5.12	7665K25	6.63
1/8″	8632K44	15.20	8632K54	52.72	8632K94	103.38	7665K13	4.24	7665K17	4.77	7665K22	5.63	7665K26	7.76
3/16″	8632K45	19.54	8632K55	63.84	8632K95	132.95	7665K33	4.93	7665K34	6.41	7665K35	7.81	7665K36	11.19
1/4″	8632K46	25.29	8632K56	87.74	8632K96	172.03	7665K14	7.08	7665K18	7.09	7665K23	10.07	7665K27	14.42
3/8″	8632K47	32.35	8632K57	112.23	8632K97	220.05	7665K37	9.64	7665K38	11.66	7665K41	13.96	7665K42	20.00
1/2″	8632K48	38.66	8632K58	134.11	8632K98	262.97	7665K43	11.95	7665K44	14.73	7665K45	17.01	7665K46	23.94
Adhesive Back														
1/32″	8977K31	9.71	8977K71	50.67	8977K81	59.15	93755K21	3.16	93755K23	4.40	93755K25	5.66	93755K27	7.72
1/16″	8977K32	13.29	8977K72	45.15	8977K82	78.15	93755K31	3.44	93755K33	4.59	93755K35	5.98	93755K37	8.29
3/32″	8977K33	16.79	8977K73	57.67	8977K83	98.74	93755K41	4.45	93755K43	6.02	93755K45	7.48	93755K47	10.74
1/8″	8977K34	20.07	8977K74	68.63	8977K84	118.06	93755K51	5.27	93755K53	6.50	93755K55	8.10	93755K57	11.13
3/16″	8977K35	26.44	8977K75	79.47	8977K85	149.04	93755K71	6.31	93755K73	8.17	93755K75	10.11	93755K77	14.29
1/4″	8977K36	32.91	8977K76	98.96	8977K86	185.53	93755K61	8.40	93755K63	10.56	93755K65	12.79	93755K67	18.01
3/8″	8977K37	44.42	8977K77	133.52	8977K87	250.41	93755K81	12.31	93755K83	14.57	93755K85	17.90	93755K87	25.56
1/2″	8977K38	50.67	8977K78	165.60	8977K88	298.06	93755K91	15.43	93755K93	19.67	93755K95	22.82	93755K97	31.98

(Material continued on following page)