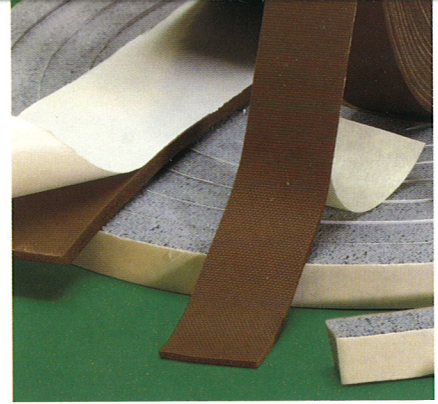


Strip-N-Stick® Silicone Tape



Strip-N-Stick® tape provides all the benefits of silicone rubber in an easy-to-apply, pressure-sensitive adhesive tape form. Compressible and flexible, it can conform to irregular surfaces, wrap over cylinders or be formed to produce right angles. Applications include gasketing, vibration damping, and thermal insulation. The tape reduces the need for expensive die-cut-parts — you don't pay for the center. It also eliminates the high cost of bonding and will be slit to order from 1/2" and up.

100S is a silicone sponge with high temperature silicone adhesive.

200A is a silicone sponge with aggressive acrylic adhesive.

300AR is reinforced silicone sponge with aggressive acrylic adhesive. Its unique construction provides compressibility of sponge and dimensional stability

of fiberglass reinforcement. Stretch is eliminated, which contributes to the consistent size and shape of cut parts and inhibits outward extrusion under high pressure. It further permits close tolerance slitting.

440S is a 1/32" thick Shore A 30 durometer silicone solid with high-temperature silicone adhesive.

440A combines 30 durometer solid rubber with a high-adhesion acrylic adhesive for an excellent 1/32" thick gasket material. It provides high elongation and good conformability.

512AF uses SGPPL CHR's silicone foam along with film-supported acrylic pressure-sensitive adhesive.

Adhesive temperature range for Silicone PSA is -100°F to +500°F and for Acrylic PSA, -20°F to +300°F.

PROPERTIES							
	100S*	200A	300AR	440S	440A	512AF ¹	
Color	orange-tan	orange-tan	blue-gray	lt gray	lt gray	gray	
Base Material	R10470M	R10470M	R10450	—	—	F-12	
Silicone Rubber Material Type	sponge	sponge	fiberglass reinforced sponge	solid	solid	foam	
Adhesive Type (all with release liner)	silicone	acrylic	acrylic	silicone	acrylic	acrylic	
Density of Backing (lb./in.) ² *	.019	.019	.020	.040	.040	.007	
Adhesion to Steel (oz./in.) ³ **	15	30	30	15	30	30	
Compression Deflection (PSI) (compressed to 75% of orig. thickness)*	10	10	15	45	45	3	
Tensile Strength (PSI) ⁴	90	65	100 fabric break (PPI)	700	700	20 film break (PPI)	
Elongation (%) ⁵	150	150	<10	650	650	75	
Compression Set (%) (compressed 50% for 22 hrs. at 212°F) ⁶	25	25	25	30*	30*	5	
Thickness/Tolerance (inches) ⁷ **							Roll Length (yards)
1/32 ±.010	—	—	—	■	■	—	20
1/16 ±1/64	■	■	■	—	—	■	10
3/32 ±1/64	■	■	****	—	—	****	10
1/8 ±1/32	■	■	■	—	—	■	10
3/16 ±1/32	■	■	■	—	—	■	5
1/4 +3/64 to -1/32	—	—	—	—	—	■	5
Width (inches)	1/2 to 35	1/2 to 35	1/4 to 35	1/2 to 20	1/2 to 20	1/2 to 35	

¹ Meets UL 1570, 1571 and 1572.

² ASTM Test Method used: Density of Backing (D3574), Adhesion to Steel (D1000), Compression Deflection and Compression Set (D1056), Tensile Strength and Elongation (D412).

³ Adhesive shelf-life when stored at 70° to 90°F at less than 50% humidity: silicone adhesive on sponge – 6 months, silicone adhesive on solid – 6 months, acrylic adhesive on sponge – 2 years. To maximize shelf-life, store at 40° to 50°F.

⁴ Thickness tolerances for backing material only.

⁵****Special order. Minimum quantities apply.

CHR provides certification to the specifications listed when requested with order. All properties are typical values and should not be used for writing specifications. Please consult plant concerning updated specifications. Government and military specifications are being revised at the time of this catalog printing.