

## Strip-n-Stick® Silicone Rubber Tapes

Strip-N-Stick, our most popular silicone product with adhesive backing, can be used in a variety of gasketing and cushioning applications, for vibration damping, and even as thermal insulation. Coated with acrylic or silicone adhesives, silicone rubber will withstand any environment...hot, cold, chemical, harsh or clean room. Standard thicknesses range from 1/32" to 1/4". Also available reinforced with fiberglass.

For extreme temperature applications, Strip N Stick silicone rubber tapes out-perform all other elastomers in service life, weatherability, compression set resistance, and electrical resistivity.

Strip N Stick is available in standard stock widths or slit to order. This includes:

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

**200A** is a silicone sponge with an aggressive acrylic adhesive

**300AR** is a reinforced silicone sponge with an aggressive acrylic adhesive. Its unique construction provides the compressibility of sponge and the 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** combines a 30 durometer solid rubber with a high temperature silicone adhesive.

**440A** combines a 30 durometer solid rubber with an acrylic adhesive. It provides for high elongation and good conformability, and is an excellent gasketing material.

**512AF** uses CHR® F12 fire blocking foam along with a film -supported acrylic pressure sensitive adhesive.



**Andrew Roberts Inc.** is a leading converter and fabricator of high performance coated fabrics tapes & belts. Our converting capabilities include:

**Die Cutting - Slitting - Sheeting - Heat Sealing - Sewing**

## Strip-n-Stick Silicone Rubber Tapes *(continued)*

<b>Properties</b>	Sponge 100S**	Sponge 200A	Sponge Reinforced 300AR	Solid 440S	Solid 440A	Foam 512AF**	ASTM Test Method
Base Material	R-10470M	R-10470M	R-10450	—	—	F-12	
Adhesion to Steel, oz./in.*	15	30	30	15	30	30	D1000
Compression Deflection, PSI (compressed to 75% of orig. th.)	6-14	6-14	8-16	40-50	40-50	1-5	D1056
Tensile Strength, PSI	65	65	100 (Fabric break, PPI)	700	700	20 (Film break PPI)	D412
Elongation, %	150	150	<10	650	650	75	D412
Compression Set, % (compressed 50% 22 hrs. @ 212°F)	25	25	25	30 (com- pressed to 75% of orig. th.)	30 (com- pressed to 75% of orig. th.)	5	D1056
Density of Backing, lb./in. <sup>3</sup>	.019	.019	.020	.040	.040	.007	D3574
Silicone Rubber Material Type	sponge	sponge	sponge- fiberglass reinforced	solid	solid	foam	
Adhesive Type	silicone (w/release liner)	acrylic (w/release liner)	acrylic (w/release liner)	silicone (w/release liner)	acrylic (w/release liner)	acrylic (w/release liner)	
Color	orange-tan	orange-tan	blue-gray	light gray	light gray	gray	
* 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 or solid – 2 years. To maximize shelf-life, store at 40° to 50°F. **Meets UL 1570, 1571 and 1572.							

<b>Availability</b>	100S	200A	300AR	440S	440A	512AF	Roll Length, Yards
Thickness/ Tolerance,**	1/32±.010			■	■		20
inches	1/16±1/64	■	■			■	10
	3/32±1/64	■	■	*		*	10
	1/8±1/32	■	■			■	10
	3/16±1/32	■	■			■	5
	1/4+3/64-1/32					■	5
Widths, inches	1/2-34	1/2-34	1/4-34	1/2-20	1/2-20	1/2-34	
*Special Order, Minimum Quantity. **Thickness tolerances for backing material only.							

All properties are typical values and should not be used for writing specifications.

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