

## Gasket Tape – Silicone Sponge and Silicone Foam

**What is gasket tape?** — Stockwell pre-manufactures master logs of adhesive backed, high performance open cell foams and closed cell sponges, ready to be slit-to-width. Custom cut widths range from 1/4” (6.4mm) up to 34” (863mm) wide. This pre-manufacturing process allows for quick turns to meet short deadlines. The length of the gasket tape / strip gasket depends on the specific product (see chart below). Each product listed below offers a unique solution to gasketing and sealing requirements.

**Adhesive Options** — Acrylic based adhesives are most widely used, having very good bond strength and good temperature range. Silicone based adhesives have moderate bond strength and a broader operating temperature than acrylics. Acrylic and silicone tapes are available with or without a PET support layer. The supported option consists of a very thin PET layer that is embedded in the adhesive; this gives the gasket tape stability to prevent stretching during installation. Unsupported adhesives are a thin layer of adhesive film applied to the foam; this allows better corner bends.

**Custom gasket tape?** — Stockwell also manufactures custom gasket tape. Choose one of the foams or sponges and combine with a stock adhesive to develop a custom combination to meet a unique design requirement. Note, custom gasket tape requires a minimum order. Small samples or test swatches are available for test bonding.



### Strip-N-Stick® 100S - Medium Firmness, Closed Cell Silicone Sponge with Silicone Adhesive

Medium firmness R-10470-M with an unsupported (transfer) **silicone** pressure sensitive adhesive. SNS 100S gasket tape is good for water seals and dust seals (e.g. NEMA & IP). This long life silicone sponge gasket tape has excellent long term rebound and is UV resistant. The Low/Medium strength adhesive backing is well suited for extreme temperatures.

Product	Thickness	Firmness	Length	Sponge	Cell Structure	Adhesive	Uses
SNS 100S	0.062 - 0.188” (1.57 - 4.78mm)	Medium	15 or 30ft (3.81 - 7.62m)	R-10470-M	Closed Cell	Silicone Transfer -100 - 500°F (-73 - 260°F) Adhesion: Low	<ul style="list-style-type: none"> <li>• Silicone Sponge Strip Gasket</li> <li>• High Temp Gasket Tape</li> <li>• Low Temp Gasket Tape</li> <li>• Unsupported Silicone Adhesive</li> <li>• Water Gasket and Dust Gasket</li> <li>• UV Resistant / Outdoor Gasket</li> <li>• Long Service Life</li> <li>• UL Rated for Lighting Fixtures</li> <li>• Orange/Tan</li> </ul>

### Strip-N-Stick® 200A - Medium Firmness, Closed Cell Silicone Sponge with Acrylic Adhesive

Medium firmness, R-10470-M silicone sponge with an unsupported (transfer) **acrylic** pressure sensitive adhesive. SNS 200A gasket tape is good for water sealing and dust sealing (e.g. NEMA & IP), where the operating temperatures are not extreme. This long life silicone sponge gasket tape has excellent long term rebound and is UV resistant. The strong acrylic adhesive backing is well suited for bonding to high, medium and some low surface energy substrates.

Product	Thickness	Firmness	Length	Sponge	Cell Structure	Adhesive	Uses
SNS 200A	0.062 - 0.250” (1.57 - 6.35mm)	Medium	15 or 30ft (3.81 - 7.62m)	R-10470-M	Closed Cell	Acrylic Transfer -20 - 300°F (-29 - 149°C) Adhesion: High	<ul style="list-style-type: none"> <li>• Silicone Sponge Gasket Tape</li> <li>• Unsupported Acrylic Adhesive</li> <li>• Water Gasket and Dust Gasket</li> <li>• UV Resistant / Outdoor Gasket</li> <li>• Long Service Life</li> <li>• Orange/Tan</li> </ul>



## Gasket Tape – Silicone Sponge and Silicone Foam

### Strip-N-Stick® 300AR - Reinforced, Closed Cell Silicone Sponge with Acrylic Adhesive

Medium firmness silicone sponge is made with an embedded fiberglass reinforcement which offers exceptional X & Y axis stability (no stretching during install). SNS 300AR has an unsupported (transfer) acrylic pressure sensitive adhesive backing. This gasket tape is good for applications where dimensional stability and higher tensile strength are required. Uses include water seals and dust seals, where the operating temperatures are not extreme. This long life silicone sponge gasket tape has excellent long term rebound and is UV resistant. The strong adhesive backing is well suited for bonding to high, medium and some low surface energy substrates.

Product	Thickness	Firmness	Length	Sponge	Cell Structure	Adhesive	Uses
SNS 300AR	0.062 - 0.125" (1.57 - 3.18mm)	Medium	30ft (7.62m)	R-10450-M (Reinforced)	Closed Cell	Acrylic Transfer -20 - 300°F (-29 - 149°C) Adhesion: High	<ul style="list-style-type: none"> <li>• Reinforce Gasket Tape</li> <li>• Unsupported Acrylic Adhesive</li> <li>• Water Gasket and Dust Gasket</li> <li>• UV Resistant / Outdoor Gasket</li> <li>• Exceptional X &amp; Y axis stability</li> <li>• Blue/Gray</li> </ul>

### 400FR Gasket Tape - Medium Firmness, UL94V0, Closed Cell Silicone Sponge with Acrylic Adhesive

Medium firmness, R-10400-M flame retardant silicone sponge with an unsupported (transfer) acrylic pressure sensitive adhesive. 400FR Gasket Tape is good for water sealing and dust sealing (e.g. NEMA & IP), in rugged environments. This long life silicone sponge gasket tape has excellent long term rebound, is UV resistant and UL 94V-0 listed. The strong acrylic adhesive backing is well suited for bonding to high, medium and some low surface energy substrates.

Product	Thickness	Firmness	Length	Sponge	Cell Structure	Adhesive	Uses
400FR Gasket Tape	0.062 - 0.250" (1.57 - 6.35mm)	Medium	15 or 30ft (3.81 - 7.62m)	R-10400-M	Closed Cell	Acrylic Transfer -20 - 300°F (-29 - 149°C) Adhesion: High	<ul style="list-style-type: none"> <li>• Silicone Sponge Gasket Tape</li> <li>• Unsupported Acrylic Adhesive</li> <li>• Water Gasket and Dust Gasket</li> <li>• UV Resistant / Outdoor Gasket</li> <li>• Sponge is UL 94V-0 listed</li> <li>• 21 CFR 177.2600 (food contact)</li> <li>• Dielectric Strength (200 V/mil)</li> <li>• Long Service Life</li> <li>• Blue/Gray</li> </ul>

### HT-800 Gasket Tape - Medium Firmness, Closed Cell Silicone Foam with Acrylic Adhesive

Modified closed cell silicone foam tape offers excellent long term rebound for critical sealing applications such as indoor or outdoor enclosure gaskets needing to meet NEMA and IP standards. HT-800 silicone foam is UL listed for flame (UL 94V-0) and for several gasket applications including UL 50 and UL 50E periodic recompression.

Product	Thickness	Firmness	Length	Foam	Cell Structure	Adhesive	Uses
HT-800 Gasket Tape	0.062 - 0.250" (1.57 - 6.35mm)	Medium	20 or 30ft (5.08 - 7.62m)	HT800	Modified Closed Cell	Supported Acrylic -40 - 300°F (-40 - 149°C) Adhesion: Medium	<ul style="list-style-type: none"> <li>• Silicone Foam Gasket Tape</li> <li>• UL Gasket Tape</li> <li>• Supported Acrylic Adhesive</li> <li>• Water Gasket and Dust Gasket</li> <li>• UV Resistant / Outdoor Gasket</li> <li>• HT800 foam is listed for: UL 94V-0, UL 50, UL 50E, UL 508, UL 1570, UL 1572, UL 157</li> <li>• Meets FAR 25.853</li> <li>• Gray or Black</li> </ul>

### Strip-N-Stick® 512 - Very Soft, Open Cell Silicone Foam with Acrylic Adhesive

Very soft open cell silicone foam is good for dust seals, and cushioning, light water mist sealing. SNS 512 has excellent rebound and is UV resistant. The softness of this strip gasket allows for good compression with low clamping force. Testing for suitability in wet applications is recommended due to the open cells.

Product	Thickness	Firmness	Length	Foam	Cell Structure	Adhesive	Uses
SNS 512	0.125 - 0.250" (3.18 - 6.35mm)	Very Soft	15 or 30ft (3.81 - 7.62m)	F-12	Open Cell	Supported Acrylic -40 - 300°F (-40 - 149°C) Adhesion: Medium	<ul style="list-style-type: none"> <li>• Silicone Foam Gasket Tape</li> <li>• Supported Acrylic Adhesive</li> <li>• Dust Gasket</li> <li>• Cushioning Tape</li> <li>• Foam is UL 94V-0 Listed</li> <li>• Meets FAR 25.853</li> <li>• Gray</li> </ul>

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