

COHlastic® Stick-N-Strip® Instant Gasket



Overview:

Stick-N-Strip® tapes provide all the benefits of silicone rubber in an easy-to-apply pressure sensitive form. Compressible and flexible, it can conform to irregular surfaces, wrap over cylinders or formed to produce right angles. It eliminates the high cost of bonding and can be slit from 12.7mm and wider.

The silicone materials with silicone pressure sensitive adhesive have a continuous operating temperature range of -73°C to +260°C and for materials with acrylic pressure sensitive adhesive the continuous operating temperature range is -29°C to +149°C.

Application:

- Instant Gasketing in place reducing the need for expensive die cut parts
- Vibration dampening
- Thermal insulation
- Temporary door seal for aircraft and mass transit train
- As a cushion to replace easy to deform solid silicone rubber used under the heating elements of flexible packaging sealing machines, providing longer life and consistent sealing.

Properties							
Part Number	100S	200A	300AR	440A	440S	512AF	Test Methods
Colour	Orange-Tan	Orange-Tan	Blue-Grey	Light Grey	Light Grey	Grey	Visual
Base Material	R10470M	R10470M	R10450	-	-	F12	-
Silicone Material Type	Sponge	Sponge	Reinforced Sponge	Solid	Solid	Foam	-
Adhesive Type (With release liner)	Silicone	Acrylic	Acrylic	Acrylic	Silicone	Acrylic	-
Density of Backing (lb/in ³)	0.019	0.019	0.02	0.04	0.04	0.007	ASTM D3574
Adhesion to Steel (oz/in)	15	30	30	30	15	30	ASTM D1000
Compression Deflection (PSI) (compressed to 75% of original thickness)	10	10	15	45	45	3	ASTM D1056
Tensile Strength (PSI)	90	65	100 (fabric)	700	700	20 (film)	ASTM D412
Elongation (%)	150	150	<10	650	650	75	ASTM D412
Compression Set (%) (compressed 50% for 22hrs. @ 100°C)	25	25	25	30	30	5	ASTM D1056
Flame Retardant	-	-	-	-	-	1570, 1571, 1572	U.L.
Thickness (mm)							Roll Length (mt.)
1/32" (0.79)	x	x	x	✓	✓	x	18
1/16" (1.59)	✓	✓	✓	x	x	✓	9
3/32" (2.38)	✓	✓	MOQ	x	x	MOQ	9
1/8" (3.18)	✓	✓	✓	x	x	✓	9
3/16" (4.76)	✓	✓	✓	x	x	✓	4.5
1/4" (6.35)	MOQ	MOQ	x	x	x	✓	4.5
3/8" (9.52)	x	x	x	x	x	MOQ	4.5
1/2" (12.7)	x	x	x	x	x	MOQ	4.5
Width Available (mm)	12.7 to 889	12.7 to 889	12.7 to 889	12.7 to 508	12.7 to 508	12.7 to 889	

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

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