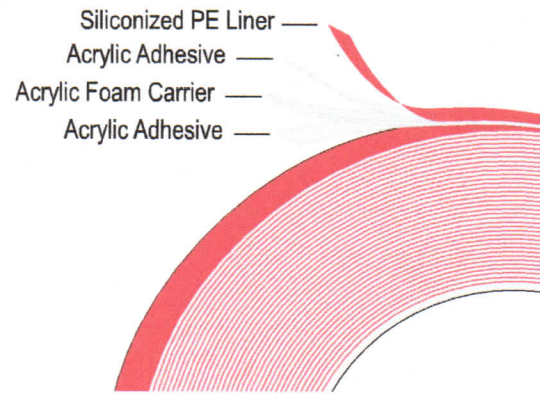


Product Number: **5050C**

## Double Sided Acrylic Foam Tape

Color	Clear
Material Thickness (no liner)	0.020 in. (0.5mm) ASTM D-3652
Tolerance	+/- 10%
Length	36 YDS. (108 ft.)
Log Width	17.5 in.
Carrier	Self Stick Acrylic Foam
Liner	Red Siliconized PE: 0.005" (0.13mm)
Core	White Plastic: 3 in. ID (76.2mm) 3.25 in. OD (82.55mm)

### Material Structure



The 5050C is a clear (transparent) 20mil thick, self-stick, closed cell, pressure sensitive acrylic foam tape. The 5050C has the highest initial tack out of all our tapes, an extremely powerful longterm holding capability, resists UV light, extreme temperatures & offers weather sealing abilities. The 5050C is often used in a wide variety of industries & works well on many substrates, in a large range of environments.

### Adhesion:

Test Methods: PSTC-101, ASTM D-3330  
(Stainless Steel)

- 20min = 5.6 lbf/in.
- 24 hours = 7.3 lbf/in.
- 250 hours @ 176°F = 8.4 lbf/in.
- 250 hours @ -4°F = 4.5 lbf/in.

### Dynamic Shear:

Test Method: ASTM D-1002

- 20min = 72.5 lbf/in<sup>2</sup>.
- 24 hours = 78.2 lbf/in<sup>2</sup>
- 48 hours = 83.9 lbf/in<sup>2</sup>
- 72 hours = 100 lbf/in<sup>2</sup>
- 250 hours @ 100% RH = 69.7 lbf/in<sup>2</sup>
- 250 hours @ 176°F = 86.8 lbf/in.
- 250 hours @ -4°F = 76.8 lbf/in.

### Static Shear:

Test Methods: ASTM D3654  
(Stainless Steel)

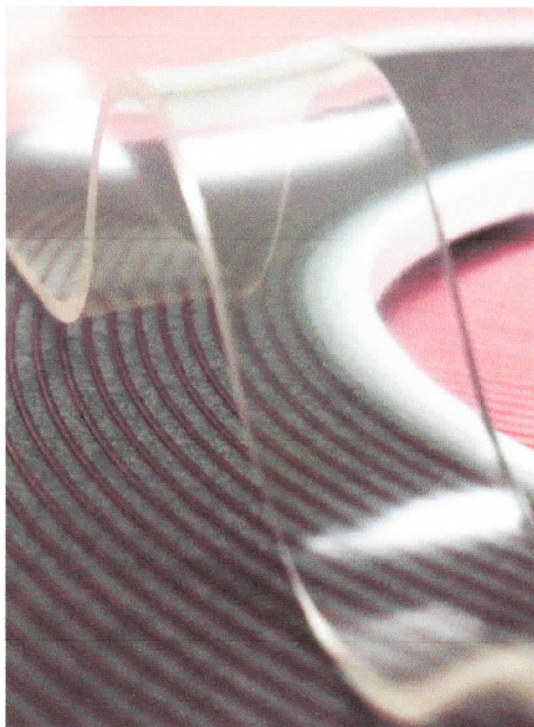
(1.2677 in<sup>2</sup> overlap, held for 7 days)

- 73.4°F @ 3.3 lbs. = Passed
- 199.4°F @ 1.1 lb. = Passed

Temperature Resistance: **248°F**

Tensile Strength: **75 lb/in<sup>2</sup>** Test Method: ASTM D-897

Shelf Life: **12 months from ship date.**  
(When stored in the original carton at 21°C (70°F) & 50% Relative Humidity.)



All products distributed by Tapes and Technical Solutions, LLC are guaranteed to be free from defect at the time of shipping when tested according to Tapes and Technical Solutions, LLC product specifications. The performance of the tape crucially depends on both the materials being adhered to and the preparation of those materials/surfaces. For the best performance use the manufacture's guidelines listed as Application Guidelines, for proper tape adhesion. The above figures are average values, established to our best knowledge and experience, but we recommend that you carry out your own tests to determine the suitability of specification purpose.



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