ResoNix

Specifications

# CCF Strips

| CCF Strips Physical Properties | Target | Units | Test Method |
|---|---|---|---|
| Density | 56–112 | kg/m³ | ASTM D1056 |
| | 3.5–7.0 | lbs/ft³ | |
| Compression Deflection, 25% | 7 max. | kPa | ASTM D1056 |
| | 1 max. | psi | |
| Compression Set, 50% RT | 10 | % | ASTM D1056 |
| Tensile | 150 | kPa | ASTM D1056 |
| | 22 | psi | |
| Elongation | 200 | % | ASTM D1056 |
| Water Absorption* | 10 max. | % | ASTM D1056 |
| Flammability, burn rate | 102 max. | mm/min. | FMVSS 302 |
| | 4 max. | in./min. | |
| Temperature Use | 148 / 300 (hot) | °C / °F | ASTM D1056 |
| | -54 / -65 (cold) | °C / °F | |
| Gauge (skin two sides) | 3 and above | mm | ASTM D1056 |
| | 0.118 and above | in. | |

** Tested per 43.1 added skin clause*

## LSE and Low VOC Transfer Tape

A 3-mil quick initial tack, permanent, unsupported acrylic pressure sensitive film. It has high peel and shear properties and is ideal for nameplates, automotive interior applications, and other demanding applications where a thin unsupported adhesive is preferred.

- Automotive Fogging Test: Passes SAE J1756 @ 100 °C as tested
- Odor: Passes SAE J 1351
- Low VOC as defined by the Japanese Ministry of Health, Labor & Welfare.
- Liner: 74# white poly-coated Kraft

## Primary Use

This is excellent for bonding to rigid and flexible plastics. Proven performance to a variety of low and high surface energy material including ABS, Powder Coated Paints, TPO, PE, PET and many other low surface energy materials.

**Applications:**

- Nameplates
- Automotive interior attachments
- Attaching to powder coated and other LSE finishes
- Cost effective option for many Low Surface Energy materials and applications
- Meets numerous automotive specifications

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Specifications

| Typical Physical Properties[1] | | |
|---|---|---|
| Thickness | 3.0 mils (nominal) | 5.5 mils (nominal) |
| Peel Adhesion[2] | | |
| PSTC #101; backed with 1 mil polyester 24 Hour Dwell | NA | 58 oz/inch |
| PSTC #101; backed with 2 mil dead soft aluminum 24 Hour Dwell | NA | 160 oz/inch |
| Shear Adhesion | | |
| PSTC #107; Modified, 1000 gm/sq. in. @ 72 °F | NA | 7+ Days no failure |
| PSTC #107; Modified, 500 gm/sq. in. @ 150 °F | NA | 7+ Days no failure |

*[1] There is no industry wide accepted definition for Low VOC.*

*[2] Peel tests are performed as per PSTC #101, which states one-minute maximum dwell time. In general, for acrylic adhesives, longer residence time yields much higher peel values.*

| Physical Properties And Service[1] | |
|---|---|
| Loop Tack | PSTC #16; 125 oz/in |
| Service Temperature[2] | -30 °F to 250 °F |
| Shelf Life | One year from date of shipment when stored under cool, dry conditions. |

*[1] The use of heat and pressure will help to increase the initial bond of the product to the substrate. Testing is recommended prior to laminating to any material that contains migrating plasticizers.*

*[2] This information is provided as a means to help characterize the adhesive's temperature resistance. Note that this data is based on limited testing and under no load. The practical service temperature of this or any adhesive system is dependent on many variables including the substrates being bonded, environmental conditions, and the loading and method of application. The purchaser is responsible for determining the suitability of this or any product for their particular purpose and process. The recommended application temperature is 68 °F to 100 °F.*