

Gasket

The high-tack permanent rubber-based pressure sensitive adhesive exhibits a superior balance of tack, peel and holding power on a wide variety of surfaces. Resists water and moisture, has very good air permeability, and remains flexible over a long period of demanding usage.

Features

- Pressure sensitive adhesive with excellent grab
- Polyester urethane foam is highly flexible, fine cell, fully clickable that is uniform and breathable without voids or tears
- Tape resists aging, weather and environmental damage over long term
- Excellent adhesion to wide range of surfaces
- Seals out moisture and dust, dampens sound and vibration

Adhesion properties

| Test | Typical performance | Test method |
|--|-----------------------------------|---------------|
| Loop tack | 115 oz./in. typical | TLM1 LIB1 |
| Adhesion to steel immediate @ 72 °F | 7 lbs./in. width or foam tear | PSTC-1 |
| Adhesion to steel after 24 hrs. @ 72 °F | 8 lbs./in. width or foam tear | PSTC-1 |
| Adhesion to steel, 20 minute dwell | 10 lbs./in. width minimum | PSTC-1 |
| Static shear @ 72 °F 1 x 1 x 500 grams | 1000 hours minimum | PSTC-7 |
| Static shear @ 72 °F 1 x 1 x 1000 grams | 200 hours minimum | PSTC-7 |
| Optimal application temperature | 50 °F to 80 °F | Pres-on PTM-1 |
| Functional temperature | 0 °F to 140 °F | Pres-on PTM-2 |
| Shelf life | 1 year stored at room temperature | |



Physical properties

| Property | Test method | Unit of measure | Result |
|---|----------------|----------------------|-----------|
| Density | ASTM D-3574-81 | lb./ft. ² | 2 +10% |
| Tensile strength | ASTM D-3574-81 | psi | 17 - 25 |
| Elongation | ASTM D-3574-81 | % | 125 - 175 |
| Tear resistance | ASTM D-3574-81 | PPI | 1.4 - 2.2 |
| Compression set (50%-22 hrs @ 70 °F) | ASTM D-3574-81 | % | 10 (max.) |
| Compression force 25% Deflection: 0.60 to 0.85 50% Deflection: 0.70 to 1.00 70% Deflection: 1.30 to 2.10 | ASTM D-3574-81 | psi | |
| Cell count | Visual | Pores per inch | 50 to 60 |
| Retention of tensile strength 6 hours autoclave @ 120 °C: 70% 24 hours dry heat aging @ 140 °C: 80% | ASTM D-3574-81 | % | |
| Flammability (thickness approval @ .062) | UL94 | Dripless minutes | 94 HF-1 |