

# S5513

## POLYSIL YELLOW SILICONE ADHESIVE TAPE

### PRODUCT DESCRIPTION

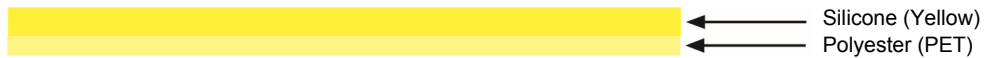
#### Single Coated Tape

PolySil™ S5513 is a yellow high tack polyester (PET) tape with controlled adhesion and good conformability. The controlled level of crosslinking assures a proper balance of adhesion to substrates and chemical and temperature resistance.

### FEATURES & BENEFITS

- High tack for quick adhesion
- Clean removal / no adhesive residue
- Chemical and abrasion resistant
- Good conformability

### PRODUCT CONSTRUCTION



### PRODUCT SPECIFICATIONS

| Test                        | Typical Value     | Typical Value (Metric) | Test Method |
|-----------------------------|-------------------|------------------------|-------------|
| Product Thickness (Total)   | 3.60 mils         | 0.091 mm               | PSTC-133    |
| Adhesive Thickness          | 2.60 mils         | 0.066 mm               | PSTC-133    |
| Carrier Thickness           | 1.00 mils         | 0.025 mm               | PSTC-133    |
| Peel Adhesion               | 40 oz/in          | 11.11 N/25mm           | PSTC-101    |
| Tack                        | 40 oz             | 1134 g                 | ASTM D 2979 |
| Shear Adhesion              | 168 hrs @ 2.2 psi | 168 hrs @15.2 kPa      | PSTC-107    |
| Tensile Strength            | 25 lb/in          | 109 N/25mm             | PSTC-131    |
| Elongation                  | 180 %             | 180 %                  |             |
| Minimum Service Temperature | -60 °F            | -51 °C                 |             |
| Maximum Service Temperature | 350 °F            | 177 °C                 |             |

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

### Adhesive Applications - The Adhesive Solutions Company

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