

TECHNICAL DATASHEET:

1003 Polysil 3 mil Clear Silicone Transfer Tape

PRODUCT DESCRIPTION

1003 Polysil 3 mil Clear Silicone Transfer Tape is designed for high performance applications requiring chemical resistance, excellent bond strength and resistance to extreme temperatures. This adhesive is protected by two clear fluorosilicone coated polyester (PET) film liners.

TYPICAL APPLICATIONS

- Bonding well to metals, silicone foam, most plastics and low energy surfaces such as polyethylene and polypropylene.

PRODUCT FEATURES & BENEFITS

- Excellent chemical resistance
- Excellent bond strength
- Performs in extreme temperatures
- UV resistant
- Passes (score 0) Primary Skin Irritation per ISO 10993-10
- Passes (score 0) Cytotoxicity per ISO 10993-5

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
ADHESIVE THICKNESS	3.00 mils	PSTC-133
PEEL ADHESION	64 oz/in	PSTC-101
TACK	40 oz	ASTM D 2979
SHEAR ADHESION hrs @ 2.2 psi	168	PSTC-107
MINIMUM SERVICE TEMPERATURE	-100° F	
MAXIMUM SERVICE TEMPERATURE	500° F	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0**