



# Ideal Tape® 9166, Polyester Film

## PRODUCT DESIGN

Ideal Tape 9166 is a polyester film tape with a high performance rubber-based pressure sensitive adhesive system.

## APPLICATION

Ideal Tape 9166 is designed to meet the demanding temperature and pressure conditions of autoclave and composite bonding applications where silicone contamination is unacceptable.

## PERFORMANCE FEATURES

- Polyester film backing protects against abrasion from rough surfaces, fumes and chemicals
- Flexible backing conforms readily to irregular surfaces
- High performance adhesive resists degradation from chemicals and fumes and provides a no residue removal

PHYSICAL PROPERTIES	VALUE
Color	Green
Backing Thickness	1.0 mil (0.03 mm)
Total Thickness	3.0 mils (0.08 mm)
Adhesion to Steel	30 oz/in (8.2 N/25 mm)
Tensile Strength	25 lb/in (109 N/25 mm)
Elongation	100%
Backing	Polyester Film
Adhesive System	High Temperature Rubber
Application Temp. Range	-50°F to 375°F -45°C to 190°C

All product properties are measured in accordance with Pressure Sensitive Tape Council and/or ASTM test methods. The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. However, the purchaser must determine the suitability of the product for his intended use. Ideal Tape Co., assumes no liability for claims beyond the replacement value of our product proved to be defective. Note: Tape should be stored in its original packaging in a cool, dry area (60°F to 80°F and 50% relative humidity) away from direct sunlight. Tape should be used within 12 months from the date of shipment. Application surfaces should be clean, dry and free of grease, oil or other contaminants. MK-081021

**Ideal Tape Co., Inc.**

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