



# ZenCorp Tapes – Pack with Confidence

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## Technical Data Sheet (TDS)

### 160 Micron Polyester Double Coated Tape with MOPP Liner

#### Product Description:

Premium-grade double-sided polyester tape coated with high-performance acrylic adhesive on both sides. Designed for bonding rigid substrates and components. Features a MOPP (biaxially oriented polypropylene) release liner for improved handling and die-cutting stability.

#### Construction:

Component	Description
Backing	Polyester Film (PET)
Adhesive	Acrylic Pressure Sensitive Adhesive
Liner	MOPP Film (Red or Transparent)

#### Technical Specifications:

Property	Typical Value	Test Method
Total Thickness	160 ± 10 microns	ASTM D3652
Adhesive Coating	60 µm (each side)	Internal Method
Tensile Strength	≥ 25 N/25mm	ASTM D3759
Peel Adhesion (to steel)	≥ 2.0 kg/25mm	PSTC-101
Shear Strength (1kg, 25mm <sup>2</sup> )	≥ 8 hours	PSTC-107
Temperature Resistance	-20°C to +150°C	Internal Method
Liner Thickness	60 – 80 microns	-

**Key Features:**

- High bonding strength on metals, plastics, and composites
- Excellent temperature and UV resistance
- MOPP liner for stability in die-cutting and processing
- Long-term aging and shear performance

**Applications:**

- Bonding plastic parts in automotive interiors
- Fixing panels, trims, and emblems
- Electronics component mounting
- Lamination and splicing in rigid assemblies

**Storage and Shelf Life:**

Store in a cool, dry place (20–25°C, RH < 60%)

Recommended to use within 12 months from the date of manufacture

Note: The values mentioned above are typical and not intended as product specifications. Customers are advised to test the product for their specific applications.

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