



TECHNICAL DATA SHEET (TDS)

Product Name: Tissue Double Coated Tape (100 Micron)

Brand: ZenCorp Tapes – Pack with Confidence

Category: Double-Sided Adhesive Tape

Product Description:

ZenCorp 100 Micron Tissue Double Coated Tape is a high-performance, solvent acrylic adhesive tape designed for strong bonding applications. With a tissue carrier and aggressive adhesive on both sides, it offers excellent tack, long-term holding power, and temperature resistance. Ideal for general-purpose bonding, nameplates, foams, leather, paper, and plastics.

Key Features:

- 100 micron total thickness for balanced strength and conformability
- Double-coated with high-performance solvent acrylic adhesive
- Excellent initial tack and long-term bonding
- High temperature and UV resistance
- Good resistance to aging, humidity, and solvents
- Easy to die-cut for customized applications

Technical Specifications:

Property	Test Method	Typical Value
Backing Material	-	Non-woven Tissue
Adhesive Type	-	Solvent Acrylic
Total Thickness	ASTM D3652	100 microns ($\pm 10 \mu\text{m}$)
Peel Adhesion to Steel	ASTM D3330	$\geq 1.6 \text{ kg/inch}$
Tack (Ball Test)	PSTC-6	$\geq 12 \text{ cm}$
Shear Strength	ASTM D3654	$\geq 24 \text{ hours @ } 1 \text{ kg/in}^2$
Temperature Resistance	-	-20°C to $+120^\circ\text{C}$
Liner	-	Siliconized Paper (90 gsm or custom)
Available Widths	-	6mm to 1250mm
Standard Length	-	50 meters (custom available)

Applications:

- Nameplate and label mounting
- Foam bonding in automotive and electronics
- Laminating plastic, metal, or rubber parts
- Leather, paper & cardboard bonding
- Point of sale displays and signage
- Die-cut component assembly

Surface Preparation:

Ensure bonding surfaces are clean, dry, and free from oil or dust. Clean with IPA if necessary. Apply uniform pressure for best results. Allow curing time for optimal bond strength.



Shelf Life & Storage:

Shelf Life: 12 months from DOM under ideal storage conditions.

Storage Conditions: Store in a clean, dry area at 20–25°C. Avoid UV exposure and humidity.

Contact Details:

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