



ZenCorp Tapes

Pack with Confidence

Technical Data Sheet (TDS)

Product Name: Green PET Tape – 80 Micron with Fluorosilicon Liner

Product Code: ZC-PET80-FS

1. Product Description

High-performance green polyester (PET) film-based adhesive tape with 80-micron thickness, coated with a heat-resistant silicone adhesive. The tape is supplied with a fluorosilicone-coated PET release liner to ensure smooth release during die-cutting and lamination processes.

2. Construction

Component	Description
Backing	60 micron Green Polyester Film
Adhesive	20 micron Silicone Adhesive
Release Liner	Fluorosilicon-coated PET (75-100µm)
Total Thickness	80 ± 5 micron

3. Technical Properties

Property	Typical Value	Test Method
Total Thickness	80 ± 5 micron	ASTM D3652
Adhesion to Steel	≥ 650 g/inch	PSTC-1
Tensile Strength	≥ 5 kg/inch	ASTM D3759
Elongation at Break	≥ 100%	ASTM D3759
Temperature Resistance	Up to 180°C (Short term)	Internal Method
Liner Release Force	10 – 30 g/inch	Internal Method
Color	Green	Visual

4. Features

- Excellent performance in masking, splicing, and die-cutting applications.
- High temperature and chemical resistance.
- Very low release force liner suitable for laser cutting and automatic peeling.
- Stable performance over a wide range of surfaces, including silicone-treated ones.

5. Applications

- Die-cutting for automotive and electronics.
- Masking during powder coating or plating.
- Splicing in high-temperature processes.
- Lamination of silicone rubber or foam gaskets.



6. Shelf Life & Storage

Shelf Life: 12 months from the date of manufacture.

Storage Conditions: Store in a clean, dry area at 20–25°C and 50% RH, away from direct sunlight.

Disclaimer: The values provided above are typical and not intended as product specifications. Users are advised to test the product for suitability in their application.

Contact Details:

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