

PRODUCT DESCRIPTION

This double coated polyester (PET) film, featuring an aggressive acrylic solvent-based adhesive, making it an ideal choice for high-strength and dimensionally stable bonding. This tape is specifically designed for demanding applications in the electronics, automotive, and industrial sectors, ensuring long-lasting adhesion. Its versatility allows for use in various applications, including mounting plastic trim, laminating foam, attaching gaskets, mounting signs, splicing materials, and bonding decorative elements. It effectively adheres to a range of substrates, including both plastic and foam.

APPLICATIONS

- Industrial Mounting and Bonding: Used for mounting ABS plastic parts, decorative trims, and steel components.
- Electronics and Appliances: Used for mounting electronic components and assembling appliances.
- Signage and Display: Ideal for mounting rigid signs, scales, and decorative POS (point of sale) materials.
- General Fabrication and Foam Lamination: Suitable for lamination of foams, felt, and plastics, offering high shear strength at elevated temperatures.

FEATURES & BENEFITS

- High Performance: Provides strong, permanent and often “hidden” bonding for a clean appearance.
- Durable Substrate: The PET carrier adds stability for die-cutting and handling.
- Environmental Resistance: Offers excellent resistance to chemicals, UV light, humidity, and high temperatures up to 225°C.
- Surface Versatility: Bonds well to low surface energy plastics, metals, and painted surfaces.



PHYSICAL PROPERTIES

TECHNICAL PROPERTY	VALUES
Backing	Transparent polyester film 12 micron
Adhesive	Acrylic solvent
Release Liner	Red MOPP Film 75 micron
Total Thickness	205±5 micron (without liner)
180°C Peeling Strength to Steel Plate	≥2.0kg/25mm (250N/25mm)
Initial Tack (Steel Ball) 14#	≤55mm
Holding Power	≥48 hours
Temperature Resistance	100°C Heat Resistance ≥4 hours 120°C Heat Resistance ≥30 minutes 150°C Heat Resistance ≥12 minutes 180°C Heat Resistance ≥30 minutes 225°C Heat Resistance ≥3 minutes
Core I.D.	3" (76mm±1)

STANDARD WIDTHS

6 mm up to 1240 mm
Custom widths available

STANDARD LENGTH

50 m

AVAILABLE COLOURS

Clear

PRODUCT RECOMMENDATIONS

The products should be stored at room temperature, away from moisture and heat sources.

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied is clean, dry, and free from grease and oil.

Users are advised to conduct tests prior to application to ensure the tape’s suitability for their specific needs and techniques.

The above properties and results obtained refer to the average values of laboratory testing carried out on the sample Lowry® product. Lowry® does not guarantee testing accuracy and makes no guarantee of product performance, safety, or suitability, either expressed or implied, when used alone or in combination with other products. It is essential as with all pressure sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease and oil. Lowry® strongly urges users to undertake independent testing