



TECHNICAL DATA SHEET

1402 Differentially Coated Polyester Tapes

1402 is a differentially coated polyester film tape with a removable acrylic pressure-sensitive adhesive on the liner side and a permanent acrylic pressure-sensitive adhesive on the face side. The removable adhesive is formulated to provide good initial tack along with very high shear strength to ensure clean removal.

PRODUCT ATTRIBUTES

- Combined permanent/removable performance
- Permanent adhesive bonds through moderate dirt / dust contamination
- Removable adhesive removes clean with no ghosting
- Removable adhesive has excellent shear strength

STANDARD SIZE: Roll Size: 54" wide x 750' length; custom sizes are available upon request.

REPRESENTATIVE PHYSICAL PROPERTIES			
PROPERTY	FACE SIDE	LINER SIDE	TEST METHOD
LOOP TACK, @ 72°F	32 oz/in	25 oz/in	PSTC-16
PEEL STRENGTH (180°) – STAINLESS STEEL 15 min, 72°F on SS 24 hours, 72°F on SS	80 oz/in 85 oz/in	20 oz/in 60 oz/in	PSTC-101
PEEL STRENGTH (180°) – GLASS 15 min, 72°F on SS 24 hours, 72°F on SS		20 oz/in 50 oz/in	PSTC-101
SHEAR STRENGTH – STAINLESS STEEL 72°F, 1" x 1" x 1000g on SS	24 hours	168+ hours	
CARRIER	0.50 mil bi-axially oriented PET film		
ADHESIVE THICKNESS ADHESIVE TYPE	1.5 mil permanent acrylic	1.0 mil removable acrylic	
RELEASE LINER	55# differential release paper liner		

APPLICATION

- Recommended application temperatures: above 50°F
- In-service temperature range: -40°F to 160°F; removable side: 40°F to 180°F

STORAGE

- Shelf life: one (1) year from the date of shipment.
- Store in a clean area free from exposure to excessive heat, moisture, or direct sunlight (44% to 55% relative humidity, 50°F to 80°F).

Product performance will vary in each application and is dependent upon composite construction. Arlon Innovations does not guarantee the replication of this data by third parties. None of the data or statements contained herein is intended to warrant the performance of this product. Data is representative and not intended as a manufacturing specification.