



# Technical Data Sheet

## LINQTAPE™ PET1.5A-ULA-RL SERIES

1.5-mil Polyester Tape with Ultra Low Adhesion Acrylic Adhesive on Release Liner

### PRODUCT DESCRIPTION

LINQTAPE™ PET1.5A-ULA-RL is a 1.5-mil polyester film backing with an ultra-low-adhesion pressure sensitive acrylic adhesive on a paper release liner. It is designed to be a temporary bonding or masking tape for use in a wide range of applications.

LINQTAPE™ PET1.5A-ULA-RL offers the perfect combination of backing material, thickness and adhesive type to offer a low-cost temporary bonding or masking tape. 1.5 mil thickness provides more rigidity than simply a 1mil film and the polyester backing is much less expensive than polyimide. The acrylic can be used where silicone cannot, and after removal no adhesive residue is left behind. For very high temperature applications, polyimide tape should be used, but for applications with short exposure times at 180°C (350°F), PET1.5A-ULA-RL can be used.

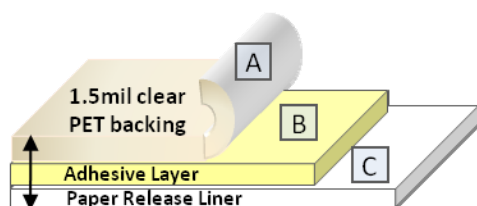


Standard rolls are available in 100m (110yd) lengths and in a range of width increments up to 510mm (20 inches).

### PRODUCT FEATURES & APPLICATIONS:

- Offers Ultra-Low-Adhesion for no-residue release after deposition processes
- Features 1.5mil polyester thickness for better handling during powder coating
- Polyester backing is less expensive than polyimide and can still withstand intermittent temperature to 180°C (350°F)
- Acrylic adhesive allows use in applications where silicone adhesives cannot be used

### PRODUCT CROSS-SECTION:



- A: 38µm: Polyester Film Backing  
B: 32µm: Acrylic Adhesive  
C: 50µm: Paper Release Liner

### PRODUCT NOMENCLATURE:

**PET:** Polyester Tape  
**1.5A:** 1.5-mil acrylic adhesive  
**ULA:** Ultra Low Adhesion  
**RL:** Release Liner

### TYPICAL PROPERTIES

UNIT	VALUE
Color	Clear PET / White Liner
Adhesive Type	Acrylic
Film (Backing) Type	Polyester

### THICKNESS

Film Backing (Polyester)	µm (mil)	38µm (1.5mil)
Acrylic Adhesive	µm (mil)	32µm (1.3mil)
Total Thickness	µm (mil)	70µm (2.8mil)

### MECHANICAL PROPERTIES

Peel Strength	cN/20mm	40
	gf/25mm	70
Tensile Strength	N/25mm	>150
	lbs/in	>35
Elongation	%	>65
Temperature Resistance	°C	180 for 5 mins
	°F	350 for 5 mins

**NOTE:** The above figures are typical material properties only and are not to be used for material specification purposes. To generate a specification for this product, please contact our Quality Manager and request a copy of the current stock specification.

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**NOT FOR PRODUCT SPECIFICATIONS.** THE INFORMATION AND RECOMMENDATIONS SUPPLIED IN THIS DOCUMENT ARE BELIEVED TO BE ACCURATE BUT NO GUARANTEE OF THEIR ACCURACY IS MADE; THEY ARE FOR GUIDANCE ONLY AND SHOULD NOT BE CONSTRUED AS A WARRANTY. ALL IMPLIED WARRANTIES ARE EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATIONS ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR USE. IT IS RECOMMENDED THAT PURCHASERS BEFORE USING THIS PRODUCT CONDUCT THEIR OWN TESTS TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PARTICULAR PURPOSES UNDER THEIR OWN OPERATING CONDITIONS.

#### **STORAGE AND HANDLING**

LINQTAPE™ PET1.5A-ULA-RL is supplied in rolls and should be kept in a cool (10°C – 25°C) dry place (40% – 75% humidity) away from direct sunlight or temperature extremes. Once removed from packaging it should be protected against dust and other impurities.

#### **DATA RANGES**

The data contained herein may be reported as a typical value and/or range values based on actual test data and are verified on a periodic basis.

Rev. B February 2011



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