

Double-Coated HiPerformance PSA Tape



M1511 Series

Product Construction:

Backing/Carrier:

- 0.5M Polyester

Adhesive (Air/Unwind Side):

- Solvent Acrylic (PSA)

Adhesive (Liner Side):

- Rubberbase (PSA)

Liner:

- *Many. Please consult with your CCT sales representative for the liner that best meets your needs and/or stock status.*

Storage and Shelf Life:

Recommend consuming all materials within a year of purchase. Best if stored with protective packaging in a controlled environment (72°F and 50% RH) out of direct sunlight.

Product Features and Application:

CCT M1511 is a very unique, supported double-coated tape with rubberbased adhesive linerside (LS) and solvent acrylic airside (AS). The LS adhesive is designed for excellent wet-out to a variety of substrate. AS is a very high heat PSA with dynamic laminating properties to many foams & rubbers. Generates excellent bond to low permeability. This particular PSA tape is used in a variety of end use markets and is exceptional for difficult automotive applications. M1511 has been tested and approved against a variety of 'standard' automotive test specifications.

Polyester carrier offers additional dimensional support and enhanced die-cut ability characteristics.

Technical Data

<u>Test</u>	<u>Typical Value</u>	<u>Test Method</u>
Thickness (Unwind Adhesive)	1.8 mils	PSTC 33 & ASTM D3652
Thickness (Carrier)	0.5 mils	
Thickness (Liner Adhesive)	<u>1.4 mils</u>	
Total Caliper Construction (<i>sans liner</i>):	3.7 mils	
Peel Strength (Unwind Adhesive):	52 oz _f /in. Stainless 40 oz _f /in. ABS	PSTC 101 & ASTM D 3330 (12 IPM @ 180°, 20 minute dwell)
(LinerSide Adhesive):	115 oz _f /in. Stainless 100 oz _f /in. ABS	
Polyken Probe Tack (Unwind Adhesive):	≈ 600 grams	ASTM D 2979
(LinerSide Adhesive):	≈ 1875 grams	(1 sec. dwell, 0.5 cm/sec)
SAFT (Unwind):	+ 400 °F	ASTM D 4498
(LinerSide):	165 °F	(1" x 1", 500 grams, PET)

Additional data or testing can be made available upon request.

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate. We recommend the purchaser test the fitness for use for all applications.

It is essential with all industrial tapes that application surface must be clean and dry and free of any contaminating influences such as grease and dirt.