

TECHNICAL BULLETIN

Adhesive Films • Double Coated Tapes
• Custom Coatings



ADCHEM

FILM SUPPORTED TAPE

PRODUCT: 254M Double Coated Polyester Film

PRIMARY USE: This product exhibits all the positive results associated with a high quality general purpose acrylic system. 254M has excellent resistance to oils, plasticizers, ultraviolet light. 254M also withstands higher temperatures than rubber based adhesive systems. Also exhibit resistance to some plasticizers. Adhesion is excellent to a very wide variety of substrates.

DESCRIPTION: A high tack, moderate dead load acrylic adhesive film coated on both sides of a high quality polyester film.

LINER: Standard liner is a 60# silicone treated semi bleach densified Kraft. Also available with 74# bleached polycoated stay flat liner. Other liners available on special order, i.e., 12pt 80#.

TYPICAL PHYSICAL PROPERTIES:

A) Thickness:

Carrier0.50 mils
Adhesive Exposed Side1.30 mils
Adhesive Liner Side1.30 mils
60# Release Liner3.50 mils

B) Peel Adhesion

PSTC #3; backed with 1 mil polyester

Initial –

Exposed Side.....40 oz/inch width
Liner Side.....40 oz/inch width

24 Hour/Dwell –

Exposed Side.....60 oz/inch width
Liner Side.....60 oz/inch width

PSTC #3; backed with 4 mil dead soft aluminum foil

Exposed Side.....70 oz/inch width
Liner Side.....70 oz/inch width

NOTE: Peel tests are performed as per PSTC #3 which states one minute maximum dwell time. In general, for acrylic adhesives, longer residence time yields much higher peel values.



FILM SUPPORTED TAPE
254M Double Coated Polyester Film (Continued)

GENERAL USE: For bonding and laminating to a wide variety of cloths, vinyls, corks, paper, rigid and flexible plastics. For mounting displays.

PRODUCT FEATURES:

- Excellent peel and shear.
 - Bonds well to most papers (splicing).
 - Excellent tack.
 - Die cuts cleanly.
 - Bonds well to most surfaces.
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NOTES: The use of heat and pressure will help to increase the initial bond of the product to the substrate. Surfaces to be bonded to should not be laminated to any material that contains migrating plasticizers.

SHELF LIFE: One year from date of shipment when stored under cool, dry conditions.

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