



TECHNICAL DATA SHEET

806 – High-Performance Adhesive

Arlon Innovations 806 Transfer Adhesive is a cross-linked acrylic pressure-sensitive adhesive coated onto a release liner. The tape is applied to a substrate and the release liner is peeled away, resulting in the transfer of the adhesive to the substrate. A differential silicone release liner permits easy unwinding.

PRODUCT ATTRIBUTES

- Exceptional shear strength
- High, permanent bond strength
- Exceptional durability
- Designed for outdoor applications, but suitable for indoor applications
- Excellent resistance to degradation from UV light, heat, and moisture
- Recommended for low surface energy materials or other difficult to bond surfaces

STANDARD SIZE

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

REPRESENTATIVE PHYSICAL PROPERTIES, 806A (2 mil)		
PROPERTY	VALUE	TEST METHOD
QUICK STICK, @ 72°F	32 oz/in	PSTC-5
PEEL STRENGTH (180°) 15 min, 72°F on SS 24 hours, 72°F on SS	64 oz/in 96 oz/in	PSTC-101
SHEAR STRENGTH 72°F, 1" x 1" x 1000g on SS	1000+ hours	PSTC-107

REPRESENTATIVE PHYSICAL PROPERTIES, 806B (3 mil)		
PROPERTY	VALUE	TEST METHOD
QUICK STICK, @ 72°F	35 oz/in	PSTC-16
PEEL STRENGTH (180°) 15 min, 72°F on SS 24 hours, 72°F on SS	73 oz/in 115 oz/in	PSTC-101

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.



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REPRESENTATIVE PHYSICAL PROPERTIES, 806C (4 mil)

PROPERTY	VALUE	TEST METHOD
QUICK STICK, @ 72°F	38 oz/in	PSTC-16
PEEL STRENGTH (180°) 15 min, 72°F on SS 24 hours, 72°F on SS	95 oz/in 118 oz/in	PSTC-101

REPRESENTATIVE PHYSICAL PROPERTIES, 806D 5 mil)

PROPERTY	VALUE	TEST METHOD
QUICK STICK, @ 72°F	40 oz/in	PSTC-5
PEEL STRENGTH (180°) 15 min, 72°F on SS 24 hours, 72°F on SS	80 oz/in 112 oz/in	PSTC-101

APPLICATION

- Recommended application temperatures: above 60°F
- In-service temperature range: -20°F to 180°F continuous use
- Suitable for applications at 200°F and above – However, Arlon Innovations highly recommends the end-user perform testing for each specific application

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).

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