



TECHNICAL DATA SHEET

807 - High-Performance Adhesive

Arlon Innovations 807 transfer adhesive is a cross-linked acrylic pressure-sensitive adhesive coated onto a release liner. It 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

- Permanent
- High peel strength
- Excellent resistance to plasticizers
- Excellent resistance to oils
- Excellent UV stability
- FDA compliant for indirect food contact
- Approved for medical applications

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
TACK, @ 72°F	48 oz/in	PSTC-5
PEEL STRENGTH (180°) 15 min, 72°F on SS 24 hours, 72°F on SS	80 oz/in 90 oz/in	PSTC-101
SHEAR STRENGTH 72°F, 1" x 1" x 1000g on SS	300+ hours	PSTC-107
ADHESIVE THICKNESS ADHESIVE TYPE	5.0 mil Medical Grade Adhesive	
TEST SUBSTRATE	2.0 polyester film	

APPLICATION

- Recommended application temperatures: above 35°F
- In-service temperature range: -25°F to 215°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.