

ARR-108 Technical Information



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| Product | 0.91 mil Arrow Ultra Thin Matte Polypropylene |
| Sales Code | ARR-108 |

Features and Applications

Excellent acid, chemical, oil and scuff resistance.

Provides a soft non-glare finish.

Ideal for beverage, food and cosmetic labels.

Physical Properties

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| Film | 0.71 mil Matte Biaxially Oriented Polypropylene (BOPP) |
| Adhesive | 0.20 mil High Grade Clear Emulsion Acrylic |
| Total Construction | 0.91 mil +/- 10% |

Typical Technical Value

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| Film Elongation at Break | 173 % MD 63 % TD | ASTM D882 |
| Adhesion to Steel | 8 oz/in 30 min conditioning 11 oz/in 24 hr conditioning | 180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04 |
| Unwind Adhesion | 4 oz/in 30 min conditioning | 180° peel at 12 in/min ASTM D3811/D3811M-96 |
| Application Temperature Rating | 32°F to 150°F | |
| Service Temperature Rating | 0°F to 180°F | |

Roll Tolerance

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| Roll Length | +/- 5% |
| Roll Width | +/- 0.0625 in (1/16th in) |
| Storage and Handling | Two years when stored at 70°F and 50% relative humidity. Rolls must be transported and stored on protected surfaces. Use caution when placing or removing roll from mandrel. |
| Regulatory Compliance | RoHS, RoHS2, REACH, TSCA, Toy Safety Standard ASTM F963, CEPA, CONEG, FDA 21CFR175.105, 21CFR177.1520(c) (1.1) & (3.1). California Proposition 65 |

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.