

Elevate Your Safety Label Printing with ARMA™ TT PO

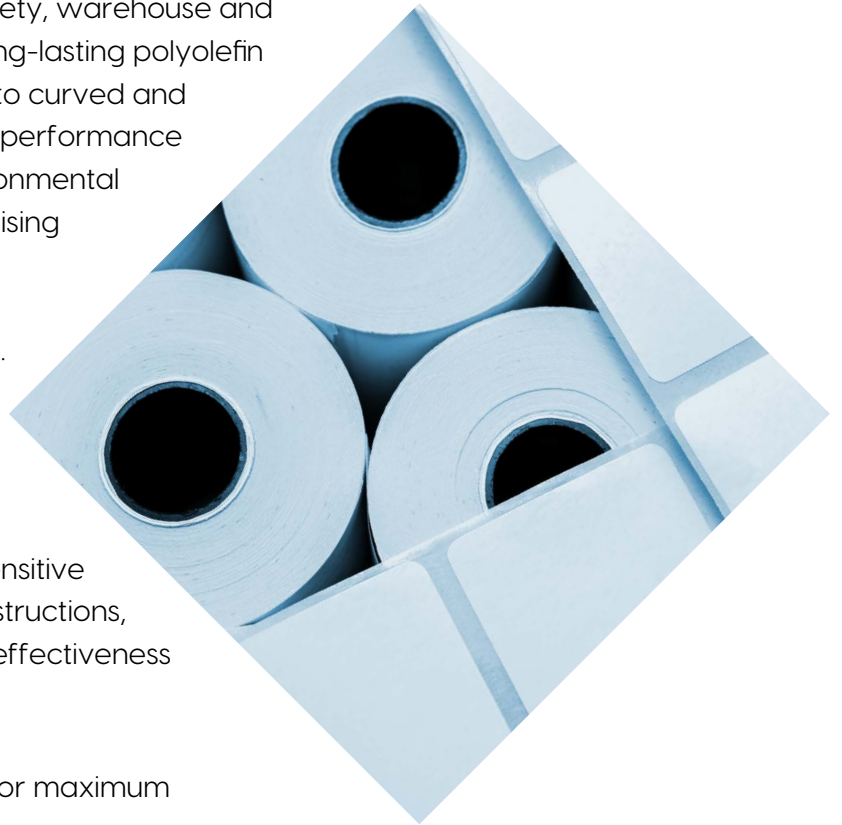
For No Compromise Performance and Results

ARMA™ TT PO labels for thermal transfer printers are your go-to solution for durable and economical safety, warehouse and logistics labeling. Made of tough and long-lasting polyolefin film, ARMA TT PO labels easily conform to curved and uneven surfaces, with guaranteed high performance and reliability, even in challenging environmental conditions. When you need uncompromising quality and dependability, you can rest assured that ARMA TT PO labels from Empower Label will never let you down.

Empower Label designs, engineers and manufactures all of our label products. From industry-specific top coatings and facestocks to exclusive pressure-sensitive adhesives and coated release liner constructions, every element is crafted for maximum effectiveness in harsh environments.

- Optimized for use with resin ribbons for maximum durability and longevity
- Waterproof, chemical resistant, UV resistant, scratch & rub resistant
- Clear, precise images, text and barcodes
- 3" core, 1" core & fanfold
- Available in a variety of sizes
- Compatible with all major brands of thermal transfer printers

At Empower Label, we turn innovation into industry specific solutions that work for you! Contact Empower Label for more information or samples.



ARMA™ TT PO

3 Mil White Polyolefin / 40# SC

Facestock Description: 3 mil White Polyolefin

This highly conformable, print-treated film has excellent ink anchorage and works for a wide range of printing methods. Designed with superior stain resistant and plasticizer resistant properties, it is a great stock for conformable labels on squeezable and molded containers as well as tire label applications. It is suitable for solvent and water-based flexographic, solvent and UV screen printing, and UV letterpress printing applications.

Adhesive Description:

This is an ultra-aggressive permanent adhesive designed for difficult-to-label surfaces. It offers excellent initial tack and ultimate adhesion to a variety of substrates. This adhesive is UV resistant, water resistant, and offers some solvent resistance.

Liner Description: 40# SC

It is a supercalendered bleached kraft liner with superior die-cutting and stripping properties. It is recommended for roll-to-roll applications with good back printability.

Note: Shelf Life - One year when stored at 72°F / 50% RH.

Individual product specification sheets are available for every ARMA product. Contact Empower Label at solutions@empowerlabel.com, or visit our website at www.empowerlabel.com

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|-------------------------------|--|
| Yield, sq. in./lb. | 8,364 |
| Caliper, mils | 3 |
| Gloss, Gardner (45°), % | 50° min. |
| Opacity, Gardner, % | 90 |
| Tensile @ Break (pli) MD / TD | 60 / 8.5 |
| Elongation @ Break, MD/D, si | > 50 / > 600 |
| Stiffness, MD / TD, units | 30 / 16 |
| Shrinkage @ 212°, % | < 3 |
| Regulatory Compliances | FDA 21 CFR 176.170 (b), FDA 21 CFR 178.2010 (b-h), FDA 21 CFR 177.1520 (3, 1a), Phthalate Free, Natural Rubber Latex Free, US Clean Air Act Title IV, RoHS, CONEG, California Proposition 65 |

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| Type | High Performance Acrylic |
| Classification | Acrylic |
| pH | Slightly Acidic |
| Minimum Application Temp., °F | 20 |
| Service Temp. Range, °F | -20 to +300 |
| Regulatory Compliances | FDA 21 CFR 175.105, FDA 21 CFR 175.125 (a) (b), FDA 21 CFR 176.180, Natural Rubber Latex Free, Primary Skin Irritant 16 CFR 1500.41, REACH, RoHS, CONEG, California Proposition 65 |

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|---------------------------------|---------|
| Basis Weight (25 x 38/500), lbs | 44.7 |
| Caliper, mils | 2.5 |
| Gloss, 75°, % | 48 |
| Opacity, % | 65 |
| Tear, MD / CD, g | 32 / 34 |
| Tensile, MD / CD, lbs. | 32 / 22 |