

ARMA™ UL 969 Certified Industrial Labels



ARMA™ UL 969 certified labels offer exceptional print quality and durability for manufacturers of electrical equipment, appliances, and industrial products where safety labeling is critical. Products that meet UL 969 requirements help ensure that important safety information, warnings, and identification remain visible and intact throughout the product's lifecycle.

Designed for thermal transfer printing, ARMA™ UL 969 certified durable labels meet all requirements for UL labeling in challenging environments. When printed using recommended thermal transfer ribbons¹, ARMA™ UL 969 labels are resistant to high temperature, moisture and scratching.

- UL certified and listed
- Exceptional durability
- BS5609 Section 2 certified
- Compatible with full range of thermal transfer printers
- Wide application and service temperature spectrum
- Available in custom sizes

Storage Conditions: Store unused labels at a temperature of $68 \pm 9^\circ \text{F}$, and relative humidity of $45 \pm 5\%$. Moisture, heat and direct sunlight should be avoided. Dark storage is recommended. Shelf life is four years from date of production.

UL Approval: Material is listed by UL in combination with our permanent acrylic adhesive under:

H26322 ("Marking and Labeling System Materials Component" PGGU2)

MH26322 ("Marking and Labeling System Materials - Certified for Canada" PGGU8)

MH26479 ("Printing Materials - Component" PGJ12)

MH26497 ("Printing Materials Certified for Canada - Component" PGJ18)

When it comes to UL 969 labels you can't afford second best. ARMA™ UL 969 certified labels are the hands-down choice for no-compromise safety assurance and performance! Contact Empower Label at solutions@empowerlabel.com, or visit our website at: www.empowerlabel.com.

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

¹UL 969 approved resin ribbons available from printer manufacturers and OEMs.

Our ARMA™ TT PET UL Series (GLW, MTW, MTS)

Adhesive: Permanent, acrylic based is an aggressive adhesive well suited for surfaces such as cardboard and small glass or plastic ampoules. The adhesive is highly water-resistant and is suitable for labeling cold and humid surfaces. It is extremely resistant to light, heat and aging.

Tack	Very High
Peel Adhesion	Extremely High
Shear	Very High
Min. Application Temp.	32°F
Service Temp. Range	-40°F to 302 °F Short periods (hot fusing) Up to 392 °F

Release Liner: White, supercalendered glassine release liner is perfectly suited for application in labeling systems equipped with optical or mechanical scanners. Excellent die-cutting characteristics with all customary flatbed and rotary die-cutting tools.

Basis Weight	39#
Caliper	1.9 Mils
Tensile strength (MD)	17.1 lbf/inch
Tensile strength (CD)	8.5 lbf/inch
Transparency	49%

ARMA™ TT PET UL GLW – for Thermal Transfer Printing

Facestock: Gloss White Polyester Film.

A special surface treatment for better printability makes this product ideal for labels that must be resistant to high temperature and moisture conditions.



Basis Weight	51#
Caliper	2 mils
Tensile Stress MD/TD	18,855 psi
Tensile stress (CD)	23,206 psi
Surface gloss	45°: 50 GU
Opacity	89%
Transparency	49%

ARMA™ TT PET UL MTW – for Thermal Transfer Printing

Facestock: White, Matte Polyester Film with Topcoat.

A special surface treatment for better printability makes this product ideal for labels that must be resistant to high temperature and moisture conditions. Printable on both thermal transfer and laser printers, this film may be written on with ballpoint pens, pencils etc.



Basis Weight	52#
Caliper	2.2 mils
Tensile Stress (MD)	18,855 psi
Tensile stress (CD)	21,756 psi
Opacity	86°

ARMA™ TT PET UL MTS – for Thermal Transfer Printing

Facestock: Matte Silver Polyester Film.

A special surface treatment makes for better printability making this product ideal for labels that must be resistant to high temperature, moisture conditions and alcohol (e.g. type plates for electronics). Printable on thermal transfer and laser printers, this film may be written on with ballpoint pens, pencil and permanent marker.



Basis Weight	45#
Caliper	1.9 mils
Tensile Stress (MD)	20,305 psi
Tensile stress (CD)	26,107 psi
Opacity	99%