

Technical Data Sheet White Polyester Gloss - 711

General Description: 2.0 mil Gloss top-coated thermal transfer printable white polyester film. Coated with an aggressive, permanent solvent-based acrylic adhesive. Backed with a roll form release liner.

Uses & Features: Designed for high-performance label applications. Topcoat resists smudging and abrasion when printed with recommended EE/EA ribbon. Offers static dissipative properties and is fan-foldable.
Industrial/Electronics: Ideal for rating/name plates (UL/CSA)
Bar-coding and materials tracking
Automotive: Under the hood labels/parts identification.
Healthcare: Pharmaceutical, diagnostic, and laboratory specimen tracking.
A 711 label is suitable for common Gamma and ETO sterilizations procedures after it has been adhered for a minimum of 24 hours before exposure to Gamma or ETO.

UL Approved Ribbons: Nortec 101, 102, 103, 104, 121, 122, 140, 145, 146, 148, 151, 161, 170 Ribbons.

Dimensional Stability: No measurable shrinkage observed on sample when exposed to 160°F (71°C) for 24 hours.

| Approx. Thickness: | MIL | Microns |
|--------------------|---------|---------|
| Film | 2.0 | 51 |
| Adhesive | 0.8-0.9 | 20-23 |
| Liner | 3.1 | 79 |

Service Temperature: -40°F to 302°F (-40°C to 150°C). Min. Application Temp: 50°F (10°C).

| Adhesion: | 72 hour Peel Adhesion | oz/inch | N/m |
|-----------|-----------------------|---------|---------|
| | Stainless Steel | 50-85 | 550-935 |
| | Acrylic | 55-90 | 605-990 |
| | Glass | 55-90 | 605-990 |
| | Polypropylene | 35-65 | 385-715 |

Exterior Durability: 2 years.

Shelf Life: 2 years when stored at 70°F ±10% (21°C) & 50% RH ±10%.

| Chemical Resistance: | Chemical | Effect |
|----------------------|--------------------|----------------------------------|
| | Household Cleaners | No effect to topcoat or adhesive |
| | Mild Acid | No effect to topcoat or adhesive |
| | Oil | No effect to topcoat or adhesive |
| | Water | No effect to topcoat or adhesive |

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Agency**Approvals:**

UL File No. MH 29261 Group PGJ12 (Based on labels-ribbons system)
CSA Standard class 7922-01 (ADHESIVE-TYPE LABELS - Label Stock) & class 7924-01
(ADHESIVE-TYPE LABELS-Electronic Printing Technologies) file 099214_L_000.

Specification: MIL-STD-202F, Notice 12, Method 215J (passed, all printed image remained).

Warranty:

Nortec AMI recommends that a selected label type be thoroughly tested to insure it meets all end user requirements. Nortec AMI warrants only the purchaser that its products are free from defects in material and workmanship. Nortec AMI limits its obligation under this warranty and at its option to repair or replace the product. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Nortec AMI is not liable for any damages, including lost profits, lost savings, or other incidental or consequential damages arising out of the use of or inability to use such product.

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