

## Technical Data Sheet

### Gloss White Polyester – 782

**Product Description:** 782 50μ gloss white print receptive polyester offers excellent dimensional stability combined with good solvent, humidity, elevated temperature and UV resistance. It is designed to accept conventional inks and provides superior thermal transfer printing quality with crisp definition at low burn temperature with resin and wax/resin ribbons. It is coated with a high performance acrylic adhesive which exhibits low adhesive ooze combined with very good chemical and elevated temperature shear resistance and has excellent adhesion on a broad range of surfaces.

**Typical Applications:** On demand variable information labels for rating, warning, hazard, serial and barcode labels.

**Typical Industry Sectors:** Automotive, appliance, telecommunications, electronics and laboratory.

**Recommended Ribbons:** Nortec 103, 104 or 140 Thermal Transfer Ribbons.

**Performance:**

<b>Face stock:</b>	50μ gloss white print receptive polyester offers excellent dimensional stability combined with good solvent, humidity, elevated temperature and UV resistance. It is designed to accept conventional inks and thermal transfer printing with resin and wax/resin ribbons.
<b>Adhesive:</b>	High performance permanent acrylic adhesive with excellent chemical, humidity and elevated temperature resistance. It exhibits high elevated temperature shear resistance combined with low adhesive ooze, and has excellent adhesion on a broad range of surfaces. Automotive approved.
<b>Liner:</b>	Is a 70gsm white one side PE coated liner which ensures adhesive smoothness. Suitable for high speed dispensing.

**General Characteristics:**

Properties	Typical Values	Unit of Measure	Test Method
<b>Physical</b>	Film Adhesive Liner	50μ ± 10% 23μ ± 10% 70gsm ± 10%	FTM 12
<b>Shear Resistance</b>	>1500	Minutes	FTM 8
<b>Dimensional Stability</b>	Excellent	mm	FTM 14

**Peel Adhesion:**

Properties	Typical Values		Unit of Measure	Test Method
<b>Peel Adhesion</b>	<b>Initial</b>	<b>24 Hours</b>	N/25mm @ 23°C, 50% RH 50μ PET/25gsm	FTM 1
Stainless Steel	12.2	19.4		
Glass	12.8	20.1		

**Chemical Resistance:** Good.

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**Minimum  
Application  
Temperature:**

4°C.

**Service  
Temperature  
Range:**

-40°C to +149°C.

**Outdoor  
Durability:**

Two years. (Vertical exposure conditions).

**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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