

## Technical Data Sheet Clear Polyester - 701

**General Description:** A top-coated thermal transfer printable clear gloss polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a high-density glassine release liner.

**Uses & Features:** Ideal for applications requiring a high durability clear label.

**Recommended Ribbons:** Nortec 170, 103, 104 or 140 Thermal Transfer Ribbons.

**Dimensional Stability:** No shrinkage observed.

	gsm	Standard	um	Standard
Face	71	TAPPI T410	48 -54	TAPPI T411
Adhesive	19		19 - 23	
Liner	75	TAPPI T410	65	TAPPI T411

Attribute		Value	Unit of measure	Standard
180° Peel	Steel	20pt	N/25mm	FTM 1
	Glass	20pt	N/25mm	FTM 1
	PE film	15pt	N/25mm	FTM 1
Tack	Steel	10	N/25mm	FTM 9
	Glass	15	N/25mm	FTM 9
	PE film	10	N/25mm	FTM 9
Shear		20	hour	FTM 8

Conditions	Results
-40°C to 70°C (-40°F to 158°F)	Service temp without visual or functional effect
8 days @ 105°C (221°F)	Good adhesion, slightly yellowed, no shrinkage
4 days @ 120°C (248°F)	Good adhesion, slightly yellowed, no shrinkage
4 days @ 150°C (302°F)	Good adhesion, yellowed, no shrinkage

**Application Temp. :** Min. 32°F (0°C)

**Shelf Life:** 2 years when stored at 72°F ±10% (22°C)/50% RH ±10%

**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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