

A461

GLOSSY THERMAL TRANSFER LABEL

Description

A461 is a Glossy white polypropylene film with a permanent pressure sensitive acrylic adhesive, top-coated for thermal transfer printing. Designed for use in critically controlled environments, such as cleanrooms, cold storage and indirect food contact labelling.

Material	Polypropylene
Finishing	Glossy
Color	White
Adhesive	Pressure sensitive acrylic adhesive
Liner	Double-Side Coated Clear PET

Applications features

- Cold resistant adhesive for strong adhesion to most surfaces.
- Ultra-low outgassing adhesive
- IPA resistant, compatible with resistant inks and ribbons
- Non-shedding and cleanroom compatible
- Tear, crinkle, and scratch resistance
- FDA CFR 175.105 compliant for indirect food contact

Physical data

Face Stock Description

Physical data		
Property	Unit	Value
Average Thickness	Micron	66 ± 5%
Surface Tension	Dyne/cm	38

Optical data		
Gloss (45°)	Gardner	>65
Opacity	%	>85
Whiteness index	%	>85

Thermal data		
Shrinkage (120 °C, 5 min)	%	2.0 – 4.0

Adhesive Description

Performance data		
Property	Unit	Value
Coat weight	Micron	25,4 ± 5%
Loop tack – Stainless steel	oz./in.	39.0
Peel (180°) – Stainless steel	oz./in.	35.0
Loop tack – HDPE	oz./in.	34.7
Peel (180°) – HDPE	oz./in.	14.1
Minimum application temp.	°C	10

Liner Description

Performance data		
Property	Unit	Value
Liner thickness	Micron	38,1
Liner type		Double-side coated clear PET

Label storage

Storage data		
Property	Unit	Value
Shelf-life	Months	24
Storage condition	Temperature/ relative humidity	20 °C at ≤50% RH

Disclaimer

Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.