

e-2201N

White Matt Polyethylene Foil with Acrylic Adhesive

for thermal transfer printing

Technical Datasheet

Version no. KT-2201N-01C / 08-2026

Issued:	August 2026
Supersedes:	

Properties:

e-2201N is a white matt top coated polyethylene film.

It has been developed to meet the requirements of the pharmaceutical industry for low leachables characteristics and good mandrel hold. Adhesive has good adhesion on glass, PE and PP and features good mandrel hold on these substrates, also with low temperature applications (below 0°C).

e-2201N can be used for sterilization by gamma radiation.

The adhesive is suitable for direct contact with dry, moist and fatty foodstuffs, in accordance with Regulation (EU) No 10/2011, where a fat reduction factor (FRF) of at least 3 is applicable. It has been assessed for migration and toxicological safety and are confirmed to have no harmful effect on blood content in blood bag applications in accordance with EN ISO 3826-1.

Liner is a white glassine backing paper.

Table 1. Foil Technical Data*

Not for specification purposes

Typical Foil Technical Data			
Substance	90	g/m ²	DIN 53352
Caliper	110	μm	DIN 53370

Table 2. Adhesive Technical Data*

Not for specification purposes

Adhesive Technical Data			
Initial Tack min.**	900	N/m	FTM 9
Minimal Application Temperature	-20°C		
Service Temperature	-40°C to +90°C		

Table 3. Liner Technical Data*

Not for specification purposes

Typical Liner Technical Data			
Substance	57	g/m ²	ISO 536
Caliper	51	μm	ISO 534

*All specification values are considered accurate within +/- 10%.

**All adhesion values are considered accurate for values within -10% and all values above (+) the specified in technical datasheet.

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ETISOFT PRODUCT N^o e-2201N

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Thermal Transfer Printing:

Suitable for thermal transfer printing with the following thermal transfer ribbons:

ETISOFT EDR762 DIAMOND RESIN CX

ETISOFT EDR761 DIAMOND RESIN SP

ETISOFT EDR763 DIAMOND RESIN CR

Shelf Life:

From date of manufacture: 24 months, under FINAT defined storage conditions (+20-25°C and RH 40-50%). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

Special Considerations:

For maximum bond strength, the surface should be clean and dry.

*Presented values have been determined by standard test methods and are average values. They can not to be used for specification purposes. Label size and orientation with substrate type and geometry will affect performance.

*Our recommendations in the use of our products are based on tests believed to be reliable but we would ask you to conduct your own tests to determine their suitability for your applications.

*ETISOFT cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.