

# Read All About It!

## Matte Is Where It's At!



**Are your customers asking for:  
Labels with reduced glare for better scanning?**

**Labels they can write on?**

**Labels with a "frosty" look?**

**Call acpo and ask for  
Self-Wound Overlaminates:**

**531 - Matte Polypropylene**

**OR**

**631 - Matte Polyester**

**800-793-TAPE (8273)  
[www.acpo.com](http://www.acpo.com)**

**acpo** ltd.



**Product:**

**531 MATTE POLYPROPYLENE OVERLAMINATE**

**Description:**

531 is based on a matte biaxially-oriented polypropylene film, offering a low glare surface to facilitate electronic scanning. This product features a high grade, water clear emulsion acrylic adhesive system. 531 has excellent acid, chemical and oil resistance. This product meets requirements for DIRECT FACE, incidental and indirect edge or seam contact as well as specification for FDA files: 21 CFR 175.105 and 21 CFR 177.1520.

**Nominal Values:**

**Construction:**

Backing (mils)	1.0	Matte Biaxially-Oriented Polypropylene Film
Adhesive (mils)	0.5	8 lbs. / Ream Emulsion Acrylic
Total Thickness (mils)	1.5	+/- 10% Tolerance

**Performance:**

Peel Adhesion to steel (oz/in of width) (180 degree peel @ 12 sec./in. Dwell)

Un-wind Adhesion (oz./in. of width) (180 degree peel @ 12 sec./in. Dwell)

Adhesive Tensile Strength (oz./in. 1"X1") (Loop Tack)

Film Elongation (% at break)

Film Haze

Film Gloss @ 45 Degree

Temperature Range (degrees F) Application Operating

13	13
190	MD
70	TD
64%	
13%	
+32 to +150	
-10 to +200	
+/- 5% of roll length	
+/- .0625 (1/16th)	
0 to 5	>100 micron
5 to 15	< 50 micron
10 to 25	< 10 micron

**Roll Tolerances:**

Roll Length

Roll Width

Appearance: (particulate contamination) (parts / msi)

**Product:**

**631 MATTE POLYESTER OVERLAMINATE**

**Description:**

631 is based on a matte polyester film, treated for smooth controlled unwind, featuring a high grade emulsion acrylic adhesive system. 631 is designed for applications where a gloss finish is not desirable. 631 is dimensionally stable and exhibits excellent resistance to moisture, chemicals, acids, alkali's, oil, sunlight, weathering and aging.

**Nominal Values:**

**Construction:**

Backing (mils)	.92	Matte Polyester Film
Adhesive (mils)	.5	8 lbs./Ream Emulsion Acrylic
Total Thickness (mils)	1.42	+/- 10% Tolerance

**Performance:**

Peel Adhesion to steel (oz/in of width) (180 degree peel @ 12 sec./in. Dwell)

Un-wind Adhesion (oz./in of width) (180 degree peel @ 12 sec./in. Dwell)

Adhesive Tensile Strength (oz/in of width) (Loop Tack)

Film Elongation (% at break)

Film Haze

Film Gloss @ 45 Degree

Temperature Range (degrees F) Application Operating

Melt Temperature of Film

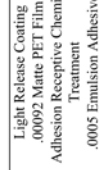
15	30 min. conditioning
22	24 hr. conditioning
8.5	30 min. conditioning
16	
115	MD
80	TD
66%	
38%	
+32 to +150	
-30 to +300	
+490 to +500	
+/- 5% of roll length	
+/- .0625 (1/16th)	
0 to 5	>100 micron
5 to 15	< 50 micron
10 to 25	< 10 micron

**Roll Tolerances:**

Roll Length

Roll Width

Appearance: (particulate contamination) (parts / msi)



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