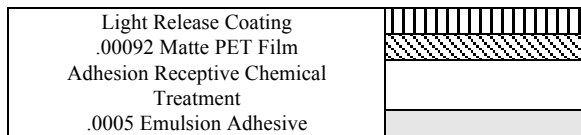


Product: **631 .92 MIL MATTE POLYESTER OVERLAMINATE FILM**

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. 631 is recognized and listed by UL under sections "UL969 for label applications, File Number MH18515"



**Nominal:
Values**

Construction:

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

Performance:

Peel Adhesion to steel (oz/in of width)	15	30 min. conditioning
(180 degree peel @ 12 sec./in. Dwell)	22	24 hr. conditioning
Un-wind Adhesion (oz/in of width)	8.5	30 min. conditioning
(180 degree peel @ 12 sec./in. Dwell)		
Adhesive Tensile Strength (oz/in of width)	16	
(Loop Tack)		
Film Elongation (% at break)	115	MD
	80	TD
Film Haze	66%	
Film Gloss at 45 Degree	38%	
Temperature Range (degrees F)		
Application	+32 to +150	
Operating	-30 to +300	
Melt Temperature of Film	+490 to +500	

Roll Tolerances:

Roll Length	+/- 5% of roll length	
Roll Width	+/- .0625 (1/16th)	
Appearance: (particulate contamination)	0 to 5	>100 micron
(parts / msi)	5 to 15	< 50 micron
	10 to 25	< 10 micron

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