

### 7.5 mil Polypropylene Film Laminated to Low-Tack Carrier Film

#### General Information

Homopolymer polypropylene film extruded on a cast line then die-cut to a low-tack carrier film

#### Physical Properties

##### Film

Color	Opaque white		
Density	0.90	g/cm <sup>3</sup>	ASTM - D1505
Gloss at 60° (Matte/Chrome)	28/71	GU	ASTM - D523
Transmittance	71.5	%	ASTM - E972

##### Low-tack Liner

Carrier Film Thickness	1.35 - 1.55	mil	
Adhesive Thickness	0.4 - 0.6	mil	

#### Mechanical Properties

##### Film

Ultimate Tensile Strength (MD/TD)	5370/5310	psi	ASTM - D882
Elongation at Break (MD/TD)	422/14	%	ASTM - D882

##### Carrier Film

Adhesive to Stainless Steel Peel	9 - 28	g/in	ASTM D3330 - A
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#### Thermal Properties

##### Film

Melting Point Temperature	162	°C	ISO - 3146
Peak Crystallization Temperature	117	°C	ASTM - D3418

#### Shelf Life

Material must be stored in dry conditions (40-60% relative humidity) and below 50°C, protected from UV light and nitrous oxide exposure. Failure to do so can prematurely cause degradation in terms of color, odor, and physical properties.

**Roll form:** 1 year from the date of manufacture kept in original packaging material with the above conditions.

**Polypropylene:** 2 years from date of manufacture with above conditions

#### Technical Information Notes

Polypropylene complies with FDA Regulation 21 CFR 177.1520 (c) 1.1a, UL certified 94HB, USP <88> Class VI.

**Original Issue Date-** 4/7/2021

**Approval Date-** 4/7/2021

**Revision-** A

##### Listed Values:

The above values are typical property values not to be construed as specification limits.

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