



**Product Specification W021427**

**Poly-Twin® LX™**

**2 Mil Top Coated White Polyester / i8308 / 3.2 mil with Backside Seal**

**FACESTOCK DESCRIPTION: 2 mil White Top Coated Polyester**

A white film with high opacity, high strength, and good dimensional stability. It is also heat and chemical resistant. Matte top-coated for monocolour and color laser printing. Also suitable for flexographic and offset printing applications. May be suitable for thermal transfer printing, but testing is required.

Caliper, mils	2
Yield, sq. in/lb.	9,825
Tensile, MD / TD, psi	22,000 / 23,000
Ultimate Elongation, MD, %	115 / 90
Shrinkage, (374°F/5 min) MD / TD, %	2.8 / 1.0
Regulatory Compliance	ASTM F963 Child Toy Safety, RoHS, Acute Oral Toxicity 16 CFR 1500.3, Primary Skin Irritant 16 CFR 1500.41, British Standard – BS 5609

**ADHESIVE DESCRIPTION: i8308**

i807 is an ultra-aggressive permanent adhesive designed for difficult-to-label surfaces. It offers excellent initial tack and ultimate adhesion to a variety of substrates including metal, poly, and corrugated drums. i8308 is UV resistant, water resistant, and offers some solvent resistance.

Type	High Performance Acrylic
Classification	Acrylic
Minimum Application Temp., °F	20
Service Temperature Range, °F	-20 to +300
Regulatory Compliance	California Proposition 65, CONEG, FDA 21 CFR 175.105, FDA 21 CFR 175.125 Table 2 D-G, REACH, RoHS, British Standard – BS5609

**LINER DESCRIPTION: 3.2 mil with Backside Seal**

A supercalendered bleached kraft liner. Superior die-cutting and stripping properties. Recommended for roll-to-sheet or roll-to-fanfold applications with good layflat properties. Good back printability.

Basis Weight (25 x 38 / 500), lbs	57.5
Caliper, mils	3.2
Brightness, %	78
Opacity, %	75
Tear, MD / CD, g	44 / 48
Tensile, MD / CD, lbs.	43/ 27
Gloss, 85°, %	24-55
Coat Weight (Backside Seal), dry # / 3300 sq ft	3.8 - 4.8
Regulatory Compliance	ASTM F963 Child Toy Safety, CONEG, RoHS, REACH

All product specifications are for informational use only. Each customer and/or end user should determine the suitability of any product for their particular application. The above specifications are based on typical values and most current information. Specific products listed were current at the time of publication, however, all raw materials are subject to change.

Shelf Life: One year when stored at 72°F / 50% RH.