

Primera TuffCoat Extreme- PolyJet Labels

Facestock

Primera Technology Tuffcoat Extreme PolyJet is a matte material specifically formulated for use with Primera Technology's LX900 and LX2000 pigment inks. This material will not work with dye-based ink. It couples excellent print quality, and is ideal for durable applications such as chemical drum labeling, cosmetics, beverages, frozen foods, etc.

Basis Weight:	69# per ream (500 sheets 25" x 38")
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Caliper:	5.00 mil
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Adhesive

Tuffcoat Extreme is designed specifically for applications requiring excellent wet-out properties, clarity and UV-stability. This adhesive provides excellent adhesion properties and good heat resistance.

Type:	Clear permanent adhesive
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Minimum Application Temperature:	+23° F
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Service Temperature Range:	-21° F to +212° F
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Liner

Liner is a semi-bleached, white kraft liner which features excellent diecutting and stripping characteristics. Used primarily for roll-to-roll label applications.

Basis Weight:	40# per ream (500 sheets 24" x 36")
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Caliper:	2.4 mil ± 10%
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Tensile:	MD 40# per inch width CD 18# per inch width
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Total Construction Caliper (approximate):	8.1 mil
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BS5609 Section 2 & 3 Approved

LX2000 pigment inks are BS5609 (Marine Immersion Label testing standard) Section 3 certified when printed on BS5609 Section 2 approved Tuffcoat Extreme PolyJet. Smithers Pira, the worldwide authority on the packaging, paper and print industry supply chains, tested the durability of the printed pigment inks (on the PolyJet material previously approved for BS5609) with GHS text, coloring and pictograms. The testing included print key effectiveness, abrasion resistance and permanence of print evaluations. LX2000 pigment ink passed all three categories.

Statement of Practical Use

As with all pressure-sensitive materials, this product should be tested thoroughly under end-use conditions to ensure it meets the requirements of the specific application.

This label stock has been specifically designed to be highly-absorbent to allow water-based pigment inkjet inks to set-up quickly. This characteristic while providing for immediate smudge resistance after printing, also makes the sheet highly-receptive to airborne contaminants, which could result in a discoloration of the unprinted areas. Proper testing in the final application environment is strongly recommended.

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