



Labels that Last

628 White Polyester EnduraLabel

Description: This gloss white polyester is a premium product, utilizing a special adhesive technology that is designed primarily for rough or low surface energy plastic surfaces used in the automotive industry. The product has high initial tack, yet is briefly repositionable, and the adhesion increases to very high ultimate peel strength. The combination of face-stock and adhesive is engineered to be resistant to harsh chemicals commonly found in the automotive and electronics industries.

Application Surfaces: LSE plastics, lightly textured surfaces, and oily surfaces to name a few.

Recommended Thermal Transfer Ribbons: T68 and T84 resin ribbons

Regulatory Compliance: RoHS / Regulation 2002/95/EU

	Face Stock	Adhesive	Liner
Type	Polyester	Permanent Acrylic	Kraft
Color	White, Gloss	Clear	White
Caliper	2.0 mil	1.9 - 2.1 mil	3.2 mil
Base Weight	-	-	#50
Min. Application Temp.	-	41°F (5°C)	-
Service Temp. Range	-	-40°F to 302°F (-40°C to 150°C)	-
Expected Exterior Life	Two Years		

	Temperature	Humidity	Shelf Life
Recommended Storage Conditions	70°F (21°C)	50% R.H.	Two Years

NOTE: Due to the variety of application conditions, Electronic Imaging Materials strongly encourages the end-user to do thorough testing of all label products under consideration to make sure they will meet the application requirements.

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Chemical Resistance

The printed samples were wetted on the surface with a soft clean cotton cloth soaked in the test solution by wiping 10 times back and forth with light pressure. After 5 seconds they were dried with a clean dry soft cloth. After 15 minutes the evaluation took place.

	T84 Ribbon	T68 Ribbon
Ad Blue - Aral	Good (No Change)	Good (No Change)
Anti-Freeze - Speedfrost "Speedfroil" 1:1 in water	Good (No Change)	Good (No Change)
Biodiesel	Good (No Change)	Good (No Change)
Bioethanol E85 - CropEnergies CropPower85	Good (No Change)	Good (No Change)
Brake Fluid - ATE" SL DOT 4	Good (No Change)	acceptable (Minor Change, Still Readable)
Cleaner Solvent - "Caramba" Cold Cleaner	Good (No Change)	Good (No Change)
Engine Oil - BP 15 W-40	Good (No Change)	Good (No Change)
Gasoline - Super unleaded	Good (No Change)	Poor
Hard Wax Polish - "Nigrin" Hard Wax Polish	Good (No Change)	Good (No Change)
Isopropanol	Good (No Change)	Good (No Change)
Spirit	Good (No Change)	Good (No Change)

Chemical Resistance

The performance results are based on 4 hours immersions at room temperature unless otherwise noted. Samples were applied to the test panel and conditioned for 24 hours before immersion and evaluated immediately upon removal. Peel adhesion was measured at 180° peel.

Chemical	Test Substrate	N/25mm	Visual Appearance	Edge Penetration(mm)
Ad Blue - Aral	Stainless Steel	28,0	No Charge	0
Biodiesel	Stainless Steel	35,0	No Charge	0
Bioethanol E85 - CropEnergies CropPower85	Glass	29,0	No Charge	2
Brake Fluid - DOT 4 Synthetic (One Way)	Glass	35,7	No Charge	0
Diesel - TOTAL	Glass	34,5	No Charge	0,5
Engine Oil - TOTAL quartz 700 10 W 40	Glass	36,5	No Charge	0
Gasoline - TOTAL Euro 95	Glass	22,7	No Charge	4,5
Heptane	Glass	23,5	No Charge	5
Water, Distilled	Aluminum	29,5	No Charge	0
Windshield Washer	Stainless Steel	31,5	No Charge	0