

Flash4 Product Information

Retro Reflective Permanent Adhesive

FACESTOCK

Facestock is a 5.5 mil retro-reflective polyester film facestock designed to reflect light back to its source. It is inherently printable with rotary press printing and thermal transfer processes. It has a reflectivity value of 50 candelas per lumen when tested per ASTM E810, -4 degree entrance angle; 0.2 degree observation angle.

Test Property	Units	Test Method	Typical Value
Basis Weight (25" by 38" -500)	lb.	TAPPI T-410	na
Caliper	mils	TAPPI T-411	5.5
Tensile	lb./in.	TAPPI T-494	na
Tear	grams	TAPPI T-414	na
Brightness	%	TAPPI T-452	na
Smoothness	um	TAPPI T-555	na

ADHESIVE

Adhesive is a clear adhesive featuring good initial tack, high shear, minimal cold flow and ultimate adhesion to a wide variety of substrates.

Test Property	Units	Test Method	Typical Value
Coat Weight 3000 ft ²	lb.	CPD-03	na
Loop Tack	oz./in.	CPD-16	na
90° Peel * (ss 20 minute)	lb.	CPD-37	na
Shear* (1/2" x 1" x 1kg)	hours	CPD-17	na
Min Application Temp	°F		45 °F
Service Temp Range	°F		-40 °F → 300 °F
FDA 175.105			na

*Tests performed on 2.0 mil clear BOPP at room temperature and 50% RH.

LINER

Liner is a bleached, super calendared paper stock with very good diecutting and matrix stripping properties.

Test Property	Units	Test Method	Typical Value
Basis Weight (24" by 36" -500)	lb.	TAPPI T-410	54
Caliper	mils	TAPPI T-411	3.2
Tensile	lb./in.	TAPPI T-494	48 MD → 26 CD
Tear	grams	TAPPI T-414	50 MD → 58 CD
Opacity	%	TAPPI T-425	na
Release	g/2"	CPD-34	na

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