

Flash4 Product Information

Thermal Transfer Permanent Adhesive

FACESTOCK

This is a 2.8 mil multi-purpose thermal transfer sheet with a universal coating for performance over a wide range of applications.

Test Property	Units	Test Method	Typical Value
Basis Weight (25" by 38" -500)	lb.	TAPPI T-410	47.3#
Caliper	mils	TAPPI T-411	2.8
Tensile	lb./in.	TAPPI T-494	28 MD → 20 CD
Tear	grams	TAPPI T-414	43 MD → 48 CD
Brightness	%	TAPPI T-452	86
Smoothness	um	TAPPI T-555	1.1

ADHESIVE

A tackified acrylic general purpose permanent with great die-cutting and stripping properties, even on the wide web applications. Excellent adhesion to many substrates, especially corrugated.

Test Property	Units	Test Method	Typical Value
Coat Weight 3000 ft ²	lb.	CPD-03	12.9
Loop Tack	oz./in.	CPD-16	45
90° Peel * (ss 20 minute)	lb.	CPD-37	1.5
Shear* (1/2" x 1" x 1kg)	hours	CPD-17	18
Min Application Temp	°F		40 °F
Service Temp Range	°F		-65 °F → 200 °F
FDA 175.105			yes

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

LINER

Liner is a true premium density SCK with excellent caliper uniformity and consistent release.

Test Property	Units	Test Method	Typical Value
Basis Weight (24" by 36" -500)	lb.	TAPPI T-410	41.5
Caliper	mils	TAPPI T-411	2.45
Tensile	lb./in.	TAPPI T-494	35 MD → 17 CD
Tear	grams	TAPPI T-414	34 MD → 36 CD
Opacity	%	TAPPI T-425	60
Release	g/2"	CPD-34	12

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