

FCC ID Label Material Data Sheet

SIEMENS

This device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

FCC ID: TKD-5630001
IC:267AS-5630001



Fasson® Trans-Therm® 1C/S2501/40# SCK

Spec# 12906

Facestock:

Fasson® Trans-Therm® 1C is an ultra smooth coated facestock which provides premium barcode printing for high and medium speed printers. This sheet will also print on UV letterpress equipment and offers some water resistance. Smudge resistance has been optimized for a coated paper, but caution is recommended with contact scanners.

Basis Weight:	49.5# per ream \pm 10% (500 sheets 25" x 38")
Caliper:	0.0032 inches \pm 10%
Tensile:	MD 30# per inch width CD 18# per inch width
Tear:	MD 44 grams CD 50 grams
Stiffness:	MD 105 mg CD 65 mg

Adhesive:

Fasson® S2501 is a versatile, general purpose permanent adhesive designed for excellent adhesion to corrugated and superior adhesion to plastics. Excellent initial tack without sacrificing high speed converting.

Type:	Emulsion Acrylic
Minimum Application Temperature:	+25°F
Service Temperature Range:	-65°F to +200°F

Typical Performance Data: 50# Uncoated Paper at room temperature on standard lab panels

Recycled Corrugated

Loop Tack:	0.8 - 1.1 lbs
Peel Adhesion:	0.6 - 0.8 lbs

Rigid HDPE

Loop Tack:	1.6 - 2.4 lbs
Peel Adhesion:	1.1 - 1.6 lbs

Treated LDPE

Loop Tack:	1.1 - 1.6 lbs
Peel Adhesion:	1.2 - 1.6 lbs

PVC Film

Loop Tack:	2.1 lbs
Peel Adhesion:	2.5 - 2.7 lbs

Glass

Loop Tack:	3.1 - 3.3 lbs
Peel Adhesion:	1.9 lbs

Liner:

40# SCK is a semi-bleached, super-calendered kraft paper featuring high internal strength, toughness, and tear resistance. Excellent for diecutting and stripping; used primarily for roll to-roll-applications.

Basis Weight:	42.5# per ream $\pm 10\%$ (500 sheets 24" x 36")
Caliper:	0.0025 inches $\pm 10\%$
Tensile:	MD 38# per inch width CD 22.5# per inch width
Tear:	MD 34 grams CD 37 grams

Total Construction Caliper (approximate): 0.0065 inches $\pm 10\%$

Applications and Uses

Product is suitable for use in applications where high quality barcode printing is critical. Material provides reduced mottle flexographic floodcoating and high speed wide-web converting. Fasson® S2501 is suitable for applications where compliance with FDA 175.105 is required (section covers applications where incidental contact between food and adhesive could occur). Product has been tested and approved by Underwriters Laboratories as a base stock for labels for use as Type "L" listing or classification marks. Product has not been approved for any other type of UL application. Note that file numbers are not assigned by UL to base materials that merely meet the Type "L" requirements.

Shelf Life

Unless specified otherwise in this document, one year when stored at 72°F at 50% RH

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.

Warranty

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