

[Print this Page](#)**Fasson® Trans-Therm® 1C/S2501/40#CK****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 product is suitable for use in applications where high quality barcode printing is critical. Smudge-resistance has been optimized for a coated paper, but caution is recommended with contact scanners. Fasson® Trans-Therm® 1C offers reduced mottle flexographic floodcoating and high speed wide-web converting.

Basis Weight:	47.3# per ream \pm 5% (500 sheets 25" x 38")
Caliper:	0.0030 inches \pm 10%
Tensile:	MD 28.0# per inch width CD target 17.0# per inch width
Tear:	MD 39.0 grams CD target 50.0 grams
Stiffness:	MD 100 mg

Adhesive:

Fasson® S2501 is a versatile, general purpose permanent adhesive designed for excellent adhesion to corrugated cardboard and superior adhesion to plastics. Excellent initial tack without sacrificing high speed converting. For use with all information printing technologies, including laser. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact. Compliance to this regulation permits the use of this adhesive in applications for which the adhesive either (1) is separated from the food by a functional barrier, which will prevent the migration of any of the adhesive components to the food, or (2) has incidental contact with food limited to the trace amount at the seams or the edges of the label.

Type:	Emulsion Acrylic
Minimum Application Temperature:	+38°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#CK is a bleached, calendered kraft stock featuring high internal strength, toughness, and tear resistance. Used primarily for roll-to-roll label applications.

Basis Weight:	40.6# per ream $\pm 10\%$ (500 sheets 24" x 36")
Caliper:	0.00247 inches $\pm 10\%$ target
Tensile:	MD 36.6# per inch width target CD 14.3# per inch width target
Tear:	MD 35.3 grams target CD 46 grams target

Total Construction Caliper (approximate): 0.00627 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 U.L. application. Note that file numbers are not assigned by U.L. to base materials which merely meet the Type "L" requirements.

Optimal Storage Conditions

Unless otherwise specified in this document, ideally store at 72F and 50% RH

Statement of Practical Use

All materials, sales and contracts for sale of Avery Dennison products are sold with the express requirement and understanding that the customer is solely and exclusively responsible for testing and for ensuring the products are fit for the customer's purposes or an end-user's purposes. All express or implied warranties of merchantability and fitness for particular use are disclaimed.

Warranty

All sales and contracts for sale are expressly conditioned on the buyer's assent to Avery Dennison's terms and conditions found on its website at www.na.fasson.com. Avery Dennison hereby objects to any term, different from or additional to Avery Dennison's terms, contained in any buyer communication in any form, unless agreed to in a writing signed by an officer of Avery Dennison.

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