

**Fasson® Trans-Therm® 1C/AT20N/40#SCK**

**Spec# 13600**

**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 27.6# per inch width CD 15.6# per inch width
Tear:	MD 46 grams CD 50 grams
Stiffness:	MD 82 mg CD 49 mg

**Adhesive:**

Fasson® AT20N is an all-temperature adhesive developed to provide good room temperature performance and excellent cold temperature performance without sacrificing good diecutting and stripping properties. Because of its cold-temperature properties and good adhesion to corrugated cardboard, AT20N is an ideal adhesive for warehouse applications. Fasson® AT20N is suitable for applications where compliance with FDA 175.105 is required. This section covers applications where incidental contact between food and adhesive could occur.

Type:	Emulsion Acrylic
Minimum Application Temperature:	-20° F -29° C
Service Temperature Range:	-65° F to +200° F

**Typical Performance Data:** Tested with 60#SemiGloss Elite facesheet at room temperature on standard lab panels.

**Stainless Steel**

Loop Tack: 2.7 lbs  
Peel Adhesion: 1.6-3.1 lbs

**HDPE (Non-Treated)**

Loop Tack: 1.9 lbs  
Peel Adhesion: 0.8-1.0 lbs

**Polypropylene**

Loop Tack: 2.2 lbs  
Peel Adhesion: 1.4-2.1 lbs

**Recycled Corrugated**

Loop Tack: 1.8 lbs  
Peel Adhesion: 1.0-1.4 lbs

**Glass**

Loop Tack: 2.9 lbs  
Peel Adhesion: 1.1-2.0 lbs

**Liner:**

40#SCK is a bleached super calendered kraft stock featuring high internal strength, toughness, and tear resistance. Used primarily for roll-to-roll label applications.

Basis Weight: 40.5# per ream  $\pm$  10%  
(24" X 36" 500 sheets)  
Caliper: 0.0024 inches  $\pm$  10%  
Tensile: MD 40# per inch width  
CD 14.8# per inch width  
Tear: MD 34.7 grams  
CD 41.8 grams

**Total Construction Caliper** (approximate): 0.0062 inches  $\pm$  10%

**Applications and Uses**

This product is suitable for use in applications where high quality barcode printing is critical. Fasson® Trans-Therm® 1C offers reduced mottle flexographic floodcoating and high speed wide-web converting. Fasson® AT20N has excellent cold temperature properties and good adhesion to corrugated cardboard, making it an ideal adhesive for warehouse applications. Fasson® AT20N is suitable for applications where compliance with FDA 175.105 is required. This section covers applications where incidental contact between food and adhesive could occur.

**Shelf Life**

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

**Statement of Practical Use**

*All pressure-sensitive materials should be tested thoroughly under end-use conditions to ensure they meet the requirements of the specific application.*

**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](http://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.



Mentor, OH 44060  
800-944-8511