

Fasson® LaserCode™ Drum Label TC/S4600/79#MF

Spec# 78037

Facestock:

Fasson® 4 mil white flexible vinyl TC is a topcoated, pliable vinyl with good tear strength and weather resistance, but relatively low heat resistance. Care must be taken in adhesive selection to ensure good dimensional stability. The topcoat enhances solvent and some water based flexographic printing. This product is not recommended for UV printing.

Basis Weight:	n/a
Caliper:	0.0034 inches ± 10%
Tensile:	MD 3,500 PSI CD 3,000 PSI (break tensile)
Tear:	n/a
Stiffness:	n/a

Adhesive:

Fasson® S4600 is a clear general purpose permanent adhesive featuring good initial tack and ultimate adhesion to a wide variety of substrates.

Type:	Emulsion Acrylic
Minimum Application Temperature:	+10° F
Service Temperature Range:	-40° F to + 300° F subject to facestock limitations

Typical Performance Data: 2 Mil Clear Polyester at room temperature on standard lab panels

Stainless Steel

Loop Tack:	2.77 lbs
Peel Adhesion:	4.1 lbs

Aluminum

Loop Tack:	N/A
Peel Adhesion:	4.4 lbs

Alkyd Enamel Paint

Loop Tack:	N/A
Peel Adhesion:	3.9 lbs

Polypropylene

Loop Tack:	N/A
Peel Adhesion:	4.3 lbs

HDPE

Loop Tack:	N/A
Peel Adhesion:	4.6 lbs

Liner:

79#MF is a machine-finished bleached kraft paper liner. Used primarily for roll-to-sheet applications, including laser. Features good back printability.

Basis Weight:	78# per ream ± 10%
Caliper:	0.0046 inches ± 10%
Tensile:	MD 33# per inch width CD 53# per inch width
Tear:	MD 60 grams CD 75 grams

Total Construction Caliper (approximate): 0.0088 inches ± 10%

Applications and Uses

This product has passed British Standard 5609 (BS 5609:1986) Section 2 testing, which is necessary for International Maritime Dangerous Goods (IMDG) certification.

Printing and Converting

The top coat on this product is suitable for toner printers, but testing is recommended to ensure satisfactory toner anchorage. To maximize on-press efficiencies when converting Fasson® laser film product constructions, material should be run with Grain Direction (machine direction) perpendicular to the Feed Direction of laser printing. For a comprehensive list of recommendations for laser products, see "Laser Product Converting Tips" at www.fasson.com. Please read this set of on-line converting tips before purchasing this product:

http://na.fasson.com/frna/frnasite.nsf/PG/LNB1C5_NLaser_Guidelines?OpenDocument

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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