

Product Description

2M White Polyester TC is a homogeneously pigmented white Polyester facestock featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent, UV cured and some water-based flexographic inks. Suitable for thermal transfer printing applications with selected thermal transfer ribbons. Specific testing is required.

Caliper	50 µm	ISO 534
Basis Weight	76 g/m ²	ISO 536

Adhesive

S333 is excellent, general-purpose industrial grade, clear acrylic emulsion adhesive. Featuring high initial tack, ultimate adhesion and low adhesive ooze.

Liner

BG50 is high density glassine paper featuring high internal strength, toughness and tear resistance as well as high transparency. Used for standard roll to roll and fanfold applications.

Basis Weight	78 g/m ²	ISO 536
Caliper	69 µm	ISO 534

Typical Performance Data

Initial Tack	12.0 N/25mm	FTM 9 glass
Peel Adhes.90°	8.0 N/25mm	FTM 2 st. st.
Min. Appl. Temp.	-4°C	
Service Temp.	-40°C to 145°C subject to facestock limitations.	

**Typical Performance Data only serves as reference to product performance under specified testing conditions and does not represent a product specification. Customers are recommended to test under actual conditions of use to determine its suitability. Temperature data shown only applies to adhesive test performance.*

Applications and Use

This product is suitable to be used in a wide range of general purpose durable labeling application whereby UL recognition is required.

This product is UL-969 certified for indoor and outdoor service. Refer to UL File# MH20580 and MH17205 for specific details.

UL Yellow Card:

MH20580: <https://iq.ul.com/ul/cert.aspx?ULID=101611835>

MH17205: <https://iq.ul.com/ul/cert.aspx?ULID=101162912>

Conversion/Printing

The topcoat allows barcode printing with the right ribbon. Label without a over-lamination should avoid excessive contact with alcohol, toluene, gasoline and isopropanol.

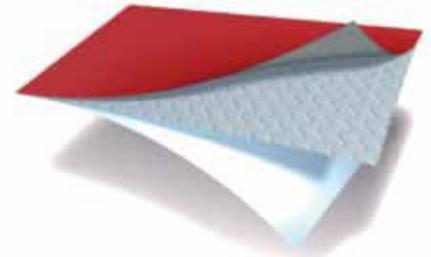
It can be printed by Flexography and letterpress. Ink/Ribbon testing is always recommended before production.

This product can be die-cut and stripped at medium to high speed on most of the web-fed presses.

Note: The information in this datasheet is correct at time of publishing. Avery Dennison reserves the right to revise the content as required without prior notice.

MZ0102

Fasson® 2M WH PET TC/S333/ BG50WH



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.

Shelf life

To obtain optimal performance, use this product within one year of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50% RH). Prolonged storage outside these conditions might reduce the shelf life.

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