

Medical Materials & Technologies

**3M™ Microfluidic Diagnostic Tape
9795WT Thick Single-Sided Clear
Delayed Tack Adhesive Tape**



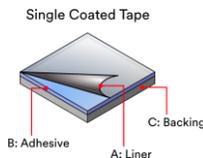
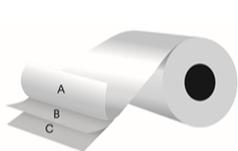
Product Description

3M™ Microfluidic Diagnostic Tape 9795WT, consists of a white polyester film coated on one side with a pressure sensitive, delayed tack, silicone adhesive. The tape is supplied on a white fluorosilicone coated polyester release liner. The product is designed for use in diagnostic medical devices such as test strip, lab-on-a-chip and PCR applications.

Features and Benefits

- Delayed tack adhesive
- Designed for PCR use conditions
- Non-toxic to mammalian cells
- Printable backside
- Thick backing reduces deformation
- Non-hemolytic
- Low extractables
- Opaque white film

Composition



A: Release Liner	2 mil (51 um) White fluorosilicone coated polyester release liner
B: Adhesive	2 mil (51 um) Silicone adhesive
C: Backing	6.9 mil (175 um) White Polyester film

Roll Description	
Roll Length	Maximum 550 yd (503 m) ± 2%
Roll Width	Maximum 48 in (122 cm) ± 0.06 in (1.52 mm)
Splices per Roll	Maximum 1 per 100 yd (91 m), 3 per 200 yd (183 m), 5 per 400 yd (366 m), 7 per 550 yd (503 m)

Adhesion & Liner Release

Adhesion to steel, 180° Peel*	16.2 oz/in (1.8 N/cm) [typical] †
Liner Release, 180° Peel*	7.52 gm/in (29 mN/cm) [typical]

* Adhesion tested after 5-minute dwell time. Adhesion and release values are dependent on test method conditions; values obtained under different test conditions may vary from those listed above.

† Adhesion tested at the time of production. The adhesion value represents bond strength between adhesive and the white polyester backing. The adhesion value represents the bond strength between adhesive and backing. The adhesion of adhesive to the backing builds over time and the measured bond strength will increase with age of the product.

Biocompatibility Testing

Product 9795R has been subjected to the following safety evaluations. Product 9795WT uses the same adhesive and results are presented as representative of the product.

Study Type	Test method	Standard	Result
Cytotoxicity	Agar overlay	ISO 10993-5	Not cytotoxic
Cytotoxicity	MEM Elution	ISO 10993-5	Not cytotoxic
Hemocompatibility	Direct contact	ISO 10993-4	Non-hemolytic
Hemocompatibility	Extracts	ISO 10993-4	Non-hemolytic

Recommended Storage Conditions & Shelf Life

Product as supplied in original packaging will maintain certified properties for a period of two years from date of manufacture when stored at room temperature 68-77 °F (20-25 °C).

Product and Safety Information: User is solely responsible for determining the suitability of 3M samples and products for the intended use including any necessary safety or toxicity assessment. 3M will provide Material Safety Data Sheets or equivalent and summary results of biocompatibility testing upon request. In every case before using any product in full scale production users should conduct their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

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Ordering Information

To place an order, call our Customer Service at: **800-742-1994 (U.S.)**. For all orders outside the United States, please contact your local country representative or check out **3M.com/MedTechFindaRep** for your region's contact information.

To have a sales representative contact you, to request samples or clinical and safety summaries, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or check out **3M.com/MedTechContactUs** for your region's contact information.

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Effective August 2023