

# 3M™ Wafer De-Taping Tape 879 for 3M™ WSS

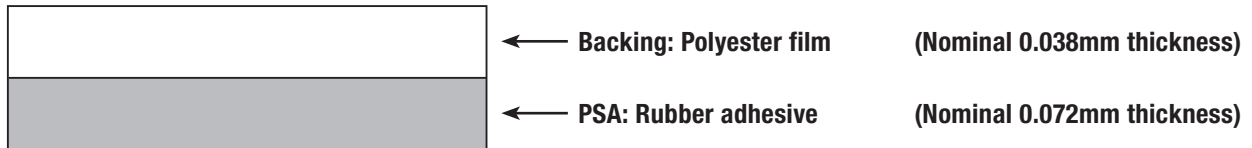
## Product Description

3M™ Wafer De-Taping Tape 879 is a transparent polyester film with an adhesive specifically designed for the removal of the 3M™ Wafer Support Systems (WSS) adhesive from the surface of the device wafer after the carrier glass is separated from the silicon wafer.

## Features and Benefits

- Enables simple, low-stress, room temperature peeling of 3M™ Adhesives from thinned silicon wafers after glass carrier debonding
- Transparency allows for inspection without tape removal
- High instant adhesion to substrate
- Good holding power

## Product Construction



## Typical Physical Properties

**Note:** The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Properties	Unit	Value	Test Method
Tape Thickness	mm	0.110	JIS Z 0237
Tensile Strength	N/cm	66.7	
Elongation	%	120	
Adhesion Strength (SUS)*1	N/cm	15.2*2	

\*1: Adhesion Strength is 180° peel strength on Stainless Steel.

- Substrate: Stainless Steel (SUS304) treated by abrading with #280 abrasive
- Pressure: 2kg rubber roller once for each direction
- Peel speed: 300mm/min.

- Sample width: 25mm
- Dwell time: from 20 to 40 minutes

\*2: Cohesive failure



## Regulatory

For regulatory information about this product, contact your 3M representative.

## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

## Product Use

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