

3M™ Wafer De-Taping Tape 3305

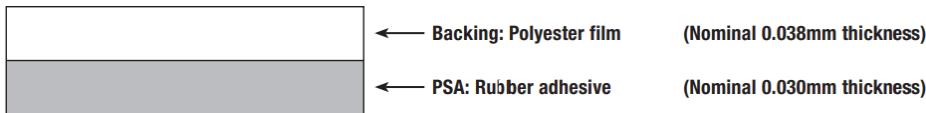
Product Description

3M™ Wafer De-Taping Tape 3305 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.

Key Features

- 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. Final product specifications and testing methods will be outlined in the product's Certificate of Analysis (COA) that is shipped with the commercialized product.

3M™ Wafer De-Taping Tape 3305			
Properties	Unit	Value	Test Method
Tape Thickness	mm	0.068	JIS Z 0237
Tensile Strength	N/cm	78.4	JIS Z 0237
Elongation	%	125	JIS Z 0237
Adhesion Strength (SUS)*1	N/cm	9.41	JIS Z 0237

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

- Substrate: Stainless Steel (SUS304) treated by abrading with #280 abrasive
- Sample width: 25mm
- Pressure: 2kg rubber roller once for each direction
- Dwell time: from 20 to 40 minutes
- Peel speed: 300mm/min.

Storage and Shelf Life

The shelf life of 3M™ Wafer De-Taping Tape 3305 is 12 months from the date of manufacture. Avoid high temperature and humidity. Do not store in direct sunlight.

3M™ Wafer De-Taping Tape 3305 for 3M™ WSS

Certificate of Analysis (COA)

The 3M Certificate of Analysis (COA) for this product is established when the product is manufactured and deemed commercially available from 3M. The COA contains the 3M test methods, specifications limits and test results for the product's performance attributes that the product will be supplied against. Contact your local 3M representative for this product's COA.

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