



# Technical Data Sheet

## 3M™ Tartan™ General Purpose Box Sealing Tape 305

### Product Description

Tartan™ Box Sealing Tape 305 is a general purpose packaging tape used for noncritical box sealing applications. This product has a conformable backing and a pressure sensitive acrylic adhesive. This construction provides a good closure for lightweight boxes exposed to minimal distribution hazards.





### Technical Information Note

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

### Typical Physical Properties

Property	Values	Additional Information
Backing	Biaxially oriented polypropylene film	
Adhesive Type	*Pressure sensitive acrylic	
Color	Clear and Tan	
Backing Thickness (mm)	0.025 mm	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mil)	1.8 mil	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.046 mm	View ^
Test Method: ASTM D3652		
Backing Thickness	1 mil	View ^
Test Method: ASTM D3652		
*Note	Requires no moisture, heat or solvent for activation.	

Typical Performance Characteristics

Property	Values	Additional Information
180° Peel Adhesion	16.2 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	17.7 N/100mm	View 
Test Method: ASTM D3330		
Substrate: Stainless Steel		
Tensile Strength	701 N/100mm	View 
Test Method: ASTM D3759		
Tensile Strength	40 lb/in	View 
Test Method: ASTM D3759		
Note	Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued. - NOTE: Tartan™ General Purpose Box Sealing Tapes have physical properties that may vary over a broad range.	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	50, 100, 914, 1500 m	
Standard Roll Length	55, 109, 1000, 1641 yd	
Standard Width	48, 72 mm	
Standard Width	1.9, 2.8 in	
Core Size (ID)	76.2 mm	
Core Size (ID)	3 in	

## Storage and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.  
To obtain best performance, use this product within 18 months from date of manufacture.

## Bottom Matter

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## Trademarks

Tartan is a trademark of 3M.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/p/d/b40067759/">https://www.3m.com/3M/en_US/p/d/b40067759/</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=305">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=305</a>

## Family Group

Link Tags:

- 305

Products	Backing	Adhesive Type	Color	Backing Thickness (mm)	Total Tape Thickness (mm)
305	Biaxially oriented polypropylene film	*Pressure sensitive acrylic	Clear and Tan	0.025 mm	0.046 mm

## ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

## Information

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