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## 3M™ Scotch® High Tack Box Sealing Tape 3743

### Product Description

Scotch® Box Sealing Tape 3743 is a high-tack packaging tape used for box sealing, splicing, recoupage and other demanding packaging applications. This product has a heavy-duty, conformable backing and a high-tack, pressure-sensitive hot melt adhesive system. This construction assures high performance in a wide range of environments and applications, especially where high initial adhesion is needed, such as on recycled fiberboard or other hard-to-stick-to surfaces.

### Product Features

- Meets CID A-A-1684B.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Provides greater instant adhesion with light rub down on under-packed cartons.
- Heavy-duty, conformable backing with higher edge tear and split resistance.
- Complies with the environmental considerations of ASTM D 1974-92.
- High performance ensures reliable closures.



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## 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		Method
Color	Clear, Tan		
Total Tape Thickness	0.066 mm	2.6 mil	ASTM D3652
Backing Thickness	0.041 mm	1.6 mil	ASTM D3652
Backing	Biaxially oriented 3M™ Scotchpro™ polypropylene film		
Adhesive	Pressure sensitive hot melt rubber-resin		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	47.1 N/100mm	43 oz/in	ASTM D3330	Stainless Steel
Elongation at Break	160 %		ASTM D3759	
Tack	6.3 mm	0.25 in	ASTM D3121	

Tensile Strength		Test Condition
525 N/100mm	30 lb/in	Machine Direction
1051 N/100mm	60 lb/in	Cross Direction

Property: Tensile Strength  
Method: ASTM D3759

## Available Sizes

Property	Values	
Standard Length	50 m	55 yd
Standard Width	48 mm	1.9 in
Core Size (ID)	76.2 mm	3 in

## Handling/Application Information

### Application Techniques

An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Scotch® Box Sealing Tape 3743 may be applied to fiberboard boxes at temperatures of down to 40°F (4°C). Once applied, Scotch® Tape 3743 should perform well on fiberboard boxes subjected to temperatures below 32°F (0°C).

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## 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.

## Industry Specifications

Meets CID A-A-1684B

## Trademarks

Scotch is a registered trademark of 3M.  
3M and Scotchpro are trademarks of 3M.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /Scotch-High-Tack-Box-Sealing-Tape-3743?N=5002385+3293242206&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~ /Scotch-High-Tack-Box-Sealing-Tape-3743?N=5002385+3293242206&amp;rt=rud</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=3743">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3743</a>

## ISO Statement

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

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