



3M™ Splicing Tape 415

Last Revision Date: June, 2003

Product Description

3M™ Splicing Tapes utilize an acrylic pressure sensitive adhesive system that offers a balance of initial adhesion and good holding power.









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 Performance Characteristics

Property	Values	Additional Information
180° Peel Adhesion	2.7 N/cm	View
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	25 oz/in	View
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Short Term Temperature Resistance	180 °F	
Short Term Temperature Resistance	82 °C	
Long Term Temperature Resistance	65 °C	
Long Term Temperature Resistance	150 °F	
Solvent Resistance	Good	
UV Resistance	Excellent	

Available Sizes

Property	Values	Additional Information
Note	Subject to Minimum Order Requirements	
Standard Roll Length	32.9 m	
Standard Roll Length	36 yd	
Maximum Length	165 m	View 
Width: 1/4 in to 3/8 in widths		
Maximum Length	180 yd	View 
Width: 1/4 in to 3/8 in widths		
Maximum Length	165 m	View 
Width: 3/8 in to 1/2 in width		
Maximum Length	180 yd	View 
Width: 3/8 in to 1/2 in width		
Maximum Length	329 m	View 
Width: 1/2 to 2 in widths		
Maximum Length	360 yd	View 
Width: 1/2 to 2 in widths		
Maximum Length	329 m	View 
Width: 2 in and greater		
Maximum Length	360 yd	View 
Width: 2 in and greater		
Minimum Available Width	6.35 mm	
Minimum Available Width	1/4 in	
Maximum Available Width	1219 mm	

Maximum Available Width	48 in
Normal Slitting Tolerance	± 0.8 mm
Normal Slitting Tolerance	± 1/32 in
Core Size (ID)	76.2 mm
Core Size (ID)	3 in

Storage and Shelf Life

Store in original cartons at 70°F (21°C) and 50% relative humidity.

If stored under proper conditions, product retains its performance and properties for 24 months from date of manufacture.

Bottom Matter

3M

Industrial Business Industrial Adhesives and Tapes Division

3M Center, Building 21-1W-10, 900 Bush Avenue

St. Paul, MN 55144-1000

For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/adhesives. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

Handling/Application Information

Application Examples

- 3M™ Splicing Tape 415 can be used for high-speed flying splices and zero speed splices on most grades of paper such as newsprint, clay coated, corrugated stocks.

Application Techniques

- Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.
- To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified.
- Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40070353/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=415

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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