

June, 2003

## 3M™ Splicing Tape 465

### Product Description

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

### Product Features

3M™ Splicing Tape 465 meets the requirements of U.S. Government specification MIL-P-19834B, Type I.



## 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		Method	Substrate
Peel Adhesion	2.7 N/cm	25 oz/in	ASTM D3330	Stainless Steel
Solvent Resistance	Good			
UV Resistance	Excellent			

Relative High Temperature Operating Ranges		Test Condition
121 °C	250 °F	Short Term (minutes, hours)
82 °C	180 °F	Long Term (days, weeks)

Property: Relative High Temperature Operating Ranges

## Available Sizes

Property	Values	
Note	Subject to Minimum Order Requirements	
Standard Length	54.9 m	60 yd
Minimum Available Width	6.35 mm	1/4 in
Maximum Available Width	1219 mm	48 in
Normal Slitting Tolerance	± 0.8 mm	± 1/32 in
Core Size (ID)	76.2 mm	3 in

Maximum Length		Width
54.9 m	60 yd	1/4 in to 3/8 in widths
54.9 m	60 yd	3/8 in to 1/2 in width
329 m	360 yd	1/2 to 2 in widths
329 m	360 yd	2 in and greater

Property: Maximum Length

## Handling/Application Information

### Application Ideas

- 3M™ Splicing Tape 465 can be used for high-speed flying splices and zero speed splices on most grades of paper such as newsprint, clay coated, corrugated stocks.

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## Handling/Application Information (continued)

### 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.

### 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.

### Industry Specifications

MIL-P-19834B, Type I

### References

#### Safety Data Sheet (SDS)

[https://www.3m.com/3M/en\\_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en\\_US&co=ptn&q=465](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=465)

### Family Group

	415	465	469	9420	9497	9499
Relative High Temperature Operating Ranges (°C) Test Condition: Short Term (minutes, hours)	82	121	180	82	177	260
Relative High Temperature Operating Ranges (°C) Test Condition: Long Term (days, weeks)	65	82	94	65	121	149

### ISO Statement

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

### 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](http://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.

## Information

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