

# Technical Data Sheet

## 3M™ Hazard Marking Vinyl Tape 766

### Product Description

3M™ Hazard Marking Vinyl Tape 766 can be used in non-critical applications.

### Product Features

- While vinyl tapes resist most common solvents, care should be taken to avoid ketones, chlorinated hydrocarbons and esters found in lacquers, thinners, degreasers, paint strippers, etc., which may cause the backing to swell or curl.
- Top side printed vinyl backing.
- Rubber adhesive for good instant adhesion.
- Printed in black and yellow stripes.

### 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	Vinyl	
Adhesive Type	Rubber	
Color	Black and yellow stripes	
Total Tape Thickness (mil)	5 mil	View ^
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.125 mm	View ^
Test Method: ASTM D3652		

### Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	22.8 N/cm	

View

Test Method: ASTM D3759

180° Peel Adhesion	2.1 N/cm	View	
Test Method: ASTM D3330			
Notes: 12 in/min (300 mm/min)			

180° Peel Adhesion	18 oz/in	View	
Test Method: ASTM D3330			
Notes: 12 in/min (300 mm/min)			

Tensile Strength	208 oz/in	View	
Test Method: ASTM D3759			

Elongation at Break (%)	180 %	View	
Test Method: ASTM D3759			

Long Term Temp C	29 °C	View	
Test Condition: Long Term (day, weeks)			
Minimum Long Term Temperature Resistance	16 °C	View	

Test Condition: Long Term (day, weeks)

Long Term Temp F	85 °F	View	
Test Condition: Long Term (day, weeks)			
Minimum Long Term Temperature Resistance	60 °F	View	

Test Condition: Long Term (day, weeks)

## Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.  
To obtain best performance, use this product within 18 months from date of manufacture.

## Bottom Matter

3M  
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## Trademarks

3M is a trademark of 3M Company.

## Handling/Application Information

### Application Examples

- Marking of equipment pitch points or gears for warning purposes.
- Temporary floor marking around equipment or spills.

### Application Techniques

- Best results are attained when applied to a clean, dry surface at temperatures between 60° to 80°F (16° to 27°C).

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/p/d/b40068074/">https://www.3m.com/3M/en_US/p/d/b40068074/</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=766">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=766</a>

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