

# 3M™ Aluminum Foil Tape 3380

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## Product Description

3M™ Aluminum Foil Tape 3380 is a general purpose aluminum foil tape offering an annealed aluminum foil backing combined with an acrylic pressure sensitive adhesive having an easy release PE coated Kraft liner.



## Product Features

- General purpose foil tape
- The low water vapor transmission rate makes these tapes a good sealant
- Low flammability – 3M™ Aluminum Foil Tape 3380 is UL 723 approved (File R7311)
- 3M™ Aluminum Foil Tape 3380 is US Coast Guard approved (CGA #164.112/63/0)
- Best adhesion results attained when applied to clean, dry surfaces above 32°F (0°C).



## 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	Aluminum Foil	
Adhesive Type	Acrylic	
Liner	PE coated Kraft Liner	
Liner Thickness	0.08 mm	
Color	Silver	
Backing Thickness	0.05 mm	View 
Test Method: ASTM D3652		
Total Tape Thickness	3.25 mil (0.08 mm)	View 


Test Method: ASTM D3652

Total Tape Thickness	0.08 mm	<a href="#">View</a> 
Test Method: ASTM D3652		
Backing Thickness	2 mil	<a href="#">View</a> 
Test Method: ASTM D3652		
Liner Thickness	3.1 mil	

### Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	17.5 N/cm	<a href="#">View</a> 
Test Method: ASTM D3759		
180° Peel Adhesion	4.3 N/cm (40 oz/in)	<a href="#">View</a> 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	40 oz/in	<a href="#">View</a> 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength	10 lb/in	<a href="#">View</a> 
Test Method: ASTM D3759		
Elongation at Break	4 %	<a href="#">View</a> 
Test Method: ASTM D3759		
Long Term Temperature Resistance	127 °C	<a href="#">View</a> 
Test Condition: Long Term (day, weeks)		
Minimum Long Term Temperature Resistance	-34 °C	<a href="#">View</a> 
Test Condition: Long Term (day, weeks)		
Long Term Temperature Resistance	260 °F	<a href="#">View</a> 

Test Condition: Long Term (day, weeks)

Minimum Long Term Temperature Resistance	-30 °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% relative humidity in the original packaging material.

To obtain best performance, use this product within 24 months from date of manufacture.

## Industry Specifications

UL 723 (File R7311)

US Coast Guard approved (CGA #164.112/63/0)

## Trademarks

3M is a trademark of 3M Company.

## Handling/Application Information

Application Examples

- General use aluminum foil tape
- Light reflecting
- Heat shielding
- Moisture barrier
- Thermal conducting

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Aluminum-Foil-Tape-3380/?N=5002385+3293191633&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Aluminum-Foil-Tape-3380/?N=5002385+3293191633&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=3380">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3380</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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