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## 3M™ Aluminum Foil Tape 4380

### Product Description

3M™ Aluminum Foil Tape 4380 is a general purpose aluminum foil tape offering a dead soft aluminum foil backing combined with an acrylic pressure sensitive adhesive.

### Product Features

- General purpose foil tape.
- Temperature use range from -30°F to +300°F (-34°C to +149°C).
- The low water vapor transmission rate makes these tapes a good sealant.
- Best adhesion results attained when applied to clean dry surfaces above 32°F (0°C).



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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	Silver		
Total Tape Thickness	0.08 mm	3.25 mil	ASTM D3652
Backing Thickness	0.05 mm	2 mil	ASTM D3652
Backing	Aluminum Foil		
Adhesive	Acrylic		

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	4.3 N/cm	40 oz/in	ASTM D3330	Stainless Steel
Tensile Strength	17.5 N/cm	160 oz/in	ASTM D3759	
Elongation at Break	4 %		ASTM D3759	
Temperature Use Range	-34 to 149 °C	-30 to 300 °F		

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## Handling/Application Information

### Application Ideas

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

### 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.

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## Information

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## Trademarks

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## 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=4380](https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=4380)

### 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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