

3M United States >

# 3M™ Aluminum Foil Tape 425, Silver, 1 in x 60 yd, 4.6 mil, 36 rolls per case

Part Number 425, 3M ID 70008500657, 3M Product Number 425, UPC 00051125853231

★★★★☆ 3.7 (3) Write a review



- Overview
- Details
- Resources
- Customer Reviews
- Large Volume Order



- Thermally conductive tape helps dissipate heat and improves heating and cooling efficiency to protect temperature sensitive materials
- Resistant to chemicals to protect surfaces during de-paint process and other chemical masking operations
- Highly engineered acrylic adhesive provides long term durability, but removes cleanly after harsh masking applications [More...](#)  
[View all details](#)

ASK A 3M EXPERT

## Details

- Thermally conductive tape helps dissipate heat and improves heating and cooling efficiency to protect temperature sensitive materials
- Resistant to chemicals to protect surfaces during de-paint process and other chemical masking operations
- Highly engineered acrylic adhesive provides long term durability, but removes cleanly after harsh masking applications
- Withstands exposure to flame, weathering, moisture and UV
- Heat and light reflective tape protects surfaces and enhances lighting efficiency
- Dead soft aluminum foil backing conforms to curved and uneven surfaces
- Recognized by UL to UL 746C and Classified by UL to UL 723, Class "L" for low flammability rating
- Contains plastic core center

Our 3M™ Aluminum Foil Tape 425 is the go-to foil tape for numerous applications across a broad range of industries. Comprised of a dead soft aluminum foil backing and coated with a highly engineered pressure sensitive acrylic adhesive, it is ideal for heat shielding, heat reflecting, chemical masking, light enhancement, chemical milling, seaming, sealing and de-paint operations.

### Withstands Exposure to High Heat and Humidity

Consisting of a dead soft, thermally conductive aluminum backing, 3M™ Aluminum Foil Tape 425 (PDF, 1.66 Mb) dissipates heat over the surface of the tape to reduce hot spots and protect the substrate from the effects of high temperatures. Coated with our highly engineered acrylic adhesive, it is capable of withstanding exposure to high heat (up to 300°F/149°C) and humidity while maintaining a strong and reliable bond. This tape can withstand a variety of moisture, weathering, UV and solvents in order to provide an excellent work life, indoors or out.



High thermal conductivity enhances heating or cooling efficiency

### Recommended Applications

- Heat shielding of delicate parts
- Heat reflecting
- Masking in chemical paint stripping applications
- Moisture barrier
- Light reflecting for light enhancement
- Chemical milling
- Seaming and sealing
- Refrigerator and freezer coil attachment
- Splicing of thin gauge foils
- Plastic protection

3M™ Aluminum Foil Tape 425 is UL Recognized to UL 746C (File E 122798) and Classified by UL to UL 723 "L" for low flammability rating (File R 7311). It can be certified to meet SAE-AMS-T-23397 and L-T-80C and meets F.A.R 25.853(a). Temperature use range is from -65° to 300°F (-54° to 149°C).

[Compare Premium Foil solutions \(PDF, 388.2 Kb\)](#)

## Resources

### Brochures

- [3M™ Metal Foil Tapes Brochure - 6-2012 Low Resolution \(PDF, 2.2MB\)](#)
- [3M™ Converter Markets Selection Guide \(PDF, 8.0MB\)](#)

### Catalogs

- [3M™ Masking and Surface Protection Products \(PDF, 4.7MB\)](#)

### Data Sheets

- [Data Sheet](#)

### Flyers

- [3M™ Tapes for Metal Processing \(PDF, 417.9KB\)](#)
- [Specialty Six Foil Tape 425 Sell Sheet \(PDF, 1.7MB\)](#)
- [Specialty Six Foil Tape 425 Sell Sheet \(PDF, 326.1KB\)](#)

### Product Selection Guides

- [3M™ Aluminum Foil Tape 425 Specialty Tape Sheet \(PDF, 388.2KB\)](#)

### Sales Guides

- [Automotive Painting Flyer \(PDF, 899.7KB\)](#)

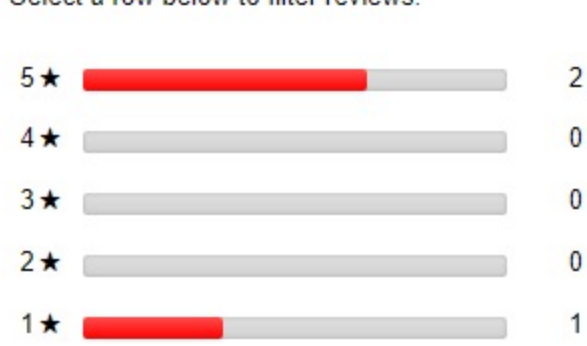
## Customer Reviews

### Reviews

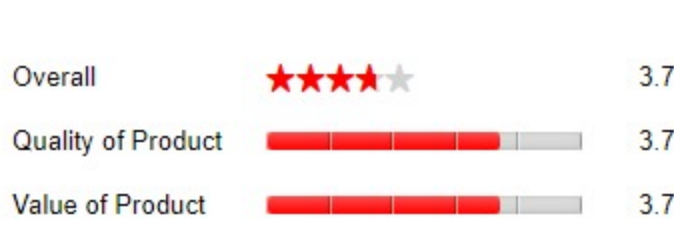
Write a review

#### Rating Snapshot

Select a row below to filter reviews.



#### Average Customer Ratings



1-3 of 3 Reviews

Sort by: Most Recent



★★★★☆ Gaurav · 10 days ago

The product adhesion is terrible

I bought this tape 5 months ago but the quality of this product is terrible. It costed me 50USD. The adhesion of the product is not good at all. I was using 2 USD tape earlier which was showing better performance. I hope to get some sort of refund or a good alternate for the same.

Incentivized Review No

No. I do not recommend this product.



Originally posted on 3M™ Aluminum Foil Tape 425

Helpful?

Quality of Product

Value of Product



★★★★★ SpeedTapeTheBest · 4 months ago

Everyday I'm Speed Taping

Speed tape brings me daily joy.

Is there some composite showing on a flap canoe? Time for speed tape.

Is there a tray table broken? Time for speed tape!

No time to fix it?

Bring out the speed tape right now!

Time to defer it.

Incentivized Review No

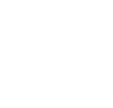
Yes. I recommend this product.

Originally posted on 3M™ Aluminum Foil Tape 425

Helpful?

Quality of Product

Value of Product



★★★★★ Skyflir · 2 years ago

Held our airplane together for hours

Used this when the wing fell off taped it back on. Worked great

Incentivized Review No

Yes. I recommend this product.

Originally posted on 3M™ Aluminum Foil Tape 425

Helpful?

Quality of Product

Value of Product

## Large Volume Order

If you are considering a purchase of this or other 3M Industrial Adhesives and Tape products, our team is ready to help by providing additional information and options. Our technical expertise, customer support, and global capabilities put us in a unique position to address your biggest challenges, and we'll do our best to prove that we should be your supplier of choice.

All fields are required unless indicated optional

### \* First Name

### \* Last Name

### \* Company

### \* Company Address

### \* Contact Phone

### \* Email Address

### \* Country/Region

### \* City

### \* Zip Code

### \* Number of Employees

Subscribe to our mailing list

3M takes your privacy seriously. 3M and its trademarks third parties will use the information you provide in accordance with our [Privacy Policy](#) to send you communications which may include promotions, product information and service offers. Please be aware that this information (including the original and the subsequent reply) may be transferred to a server located in the U.S. for metrics and storage. If you do not consent to this use of your personal information, please do not use this system.

SUBMIT

## OUR COMPANY

- About 3M
- 3M Careers
- Investor Relations
- Partners & Suppliers
- Sustainability
- 3Mgives
- Ethics & Compliance

## NEWS

- News Center
- Press Releases

## REGULATORY

- SDS, RDS, More Regulatory & Compliance Information
- Transport Information Search
- CPSIA Certification Search
- Lithium Battery UN 38.3 Test Summary Search
- Transparency in Supply Chains and Modern Slavery Disclosures
- US Ingredient Communication

## HELP

- Help Center
- Site Map

## FOLLOW US

