

## 3M 438 Premium Performance Aluminum Foil Tape

Category : Metal , Nonferrous Metal , Aluminum Alloy , Polymer , Tape

### Material Notes:

Thickest non-reinforced aluminum tape for heat resistance; smooth easy unwind; clean, straight edges with minimal wrinkling. UL 723

Classified.Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-438-Premium-Performance-Aluminum-Foil-Tape.php](http://www.lookpolymers.com/polymer_3M-438-Premium-Performance-Aluminum-Foil-Tape.php)

| Physical Properties | Metric      | English  | Comments            |
|---------------------|-------------|----------|---------------------|
| Thickness           | 127 microns | 5.00 mil | Backing; ASTM D3652 |
|                     | 183 microns | 7.20 mil | Total; ASTM D3652   |

| Mechanical Properties     | Metric       | English    | Comments                      |
|---------------------------|--------------|------------|-------------------------------|
| Tensile Strength at Break | 56.4 MPa     | 8180 psi   | ASTM D3759                    |
| Peel Strength             | 0.47112 kN/m | 2.6875 pli | Adhesion to Steel; ASTM D3330 |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 149 °C   | 300 °F   |          |
| Minimum Service Temperature, Air | -54.0 °C | -65.2 °F |          |

| Descriptive Properties | Value   | Comments |
|------------------------|---------|----------|
| Adhesive Type          | Acrylic |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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