

## 3M Scotch® 8919MSR Filament Tape

Category : Polymer , Adhesive

**Material Notes:**

Scotch® Filament Tape 8919MSR is a high-performance transparent filament tape reinforced along its length with continuous fiberglass-yarn filaments, which gives the tape a very high tensile strength. The tape is designed to hold a variety of metal appliance parts together during manufacture and shipping. The heavy clear polyester film backing provides greater stiffness and excellent abrasion, moisture, and scuff resistance. The pressure sensitive modified synthetic rubber resin adhesive is specifically formulated to provide high adhesion to oily metal surfaces, clean removal, and stain resistance on a wide variety of surfaces. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-8919MSR-Filament-Tape.php](http://www.lookpolymers.com/polymer_3M-Scotch-8919MSR-Filament-Tape.php)

| Physical Properties | Metric      | English  | Comments   |
|---------------------|-------------|----------|------------|
| Thickness           | 178 microns | 7.00 mil | ASTM D3652 |

| Mechanical Properties     | Metric      | English    | Comments                      |
|---------------------------|-------------|------------|-------------------------------|
| Tensile Strength at Break | 36.9 MPa    | 5360 psi   | ASTM D3759                    |
| Elongation at Break       | 3.0 %       | 3.0 %      | ASTM D3759                    |
| Peel Strength             | 1.1504 kN/m | 6.5625 pli | Adhesion to Steel; ASTM D3330 |

| Descriptive Properties | Value  | Comments |
|------------------------|--|----------|
| Adhesive Type          | Pressure sensitive modified synthetic rubber resin |          |
| Appearance             | Clear  |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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