

## 3M 4496W Double Coated Polyethylene Foam Tape

Category : Polymer , Adhesive

**Material Notes:**

3M™ Double Coated Polyethylene Foam Tapes 4462W, 4462B, 4466W and 4466B combine a conformable closed cell foam with a rubber adhesive that provides high initial adhesion to a variety of surfaces including polyethylene and polypropylene. 3M™ Double Coated Polyethylene Foam Tapes 4492G, 4492W, 4492B, 4496W and 4496B combine a conformable closed cell foam with a high strength acrylic adhesive that provides good initial tack and offers high ultimate adhesion to a wide variety of surfaces. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-4496W-Double-Coated-Polyethylene-Foam-Tape.php](http://www.lookpolymers.com/polymer_3M-4496W-Double-Coated-Polyethylene-Foam-Tape.php)

| Physical Properties | Metric       | English                    | Comments |
|---------------------|--------------|----------------------------|----------|
| Density             | 0.0640 g/cc  | 0.00231 lb/in <sup>3</sup> |          |
| Thickness           | 40.6 microns | 1.60 mil                   |          |

| Mechanical Properties     | Metric    | English  | Comments  |
|---------------------------|-----------|----------|---|
| Tensile Strength at Break | 0.275 MPa | 39.9 psi | Dynamic, 1 in.<sup>2</sup> (6.45 cm<sup>2</sup>) overlap Jaw Speed 0.5 in./min (12.7 mm/min.); ASTM D-897 |
| Peel Strength             | 1.40 kN/m | 8.00 pli | 90° Angle Peel 12 in./min. Jaw Speed (308 mm/min.) 72 hour Dwell; ASTM D3330                              |

| Thermal Properties               | Metric  | English | Comments   |
|----------------------------------|---------|---------|------------|
| Maximum Service Temperature, Air | 70.0 °C | 158 °F  | Long Term  |
|                                  | 82.0 °C | 180 °F  | Short Term |

| Descriptive Properties | Value                                     | Comments |
|------------------------|---|----------|
| Adhesive Type          | 430                                       |          |
| Liner                  | Closed Cell Crosslinked Polyethylene Foam |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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