

## 3M 4004 Double Coated Urethane Foam Tape

Category : Polymer , Adhesive

**Material Notes:**

3M™ Double Coated Urethane Foam Tapes are conformable foams that offer high shear strength and are available with either a high temperature holding acrylic adhesive system or a rubber adhesive system for bonding to various types of surfaces for mounting, joining and holding. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-4004-Double-Coated-Urethane-Foam-Tape.php](http://www.lookpolymers.com/polymer_3M-4004-Double-Coated-Urethane-Foam-Tape.php)

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Release Liner
	6350 microns	250 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.0850 MPa	12.3 psi	T Block, 1 in <sup>2</sup> (6.45 cm <sup>2</sup> ) Jaw Speed 2 in/min (50 mm/min)
	0.620 MPa	89.9 psi	
Elongation at Break	90 %	90 %	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.0620 W/m-K	0.430 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	104 °C	219 °F	Long Term
	193 °C	379 °F	Short Term

Electrical Properties	Metric	English	Comments
Dielectric Strength	7.87 - 11.8 kV/mm	200 - 300 kV/in	

Descriptive Properties	Value	Comments
Adhesive Type	100	
Liner	Polyurethane Foam	

## Contact Songhan Plastic Technology Co.,Ltd.

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