

## 3M 3635-0171 Diffuser Film

Category : Polymer , Film

**Material Notes:**

Control light transmission or achieve special effects for backlit signs; 2 and 4-mil vinyl film; Pressure-sensitive adhesive and Adheres to rigid or flexible substrates  
Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-3635-0171-Diffuser-Film.php](http://www.lookpolymers.com/polymer_3M-3635-0171-Diffuser-Film.php)

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	without adhesive
	76.2 - 102 microns	3.00 - 4.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	2.30 MPa	334 psi	
Peel Strength	0.526 kN/m	3.00 pli	Adhesion to Acrylic panels

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	
Minimum Service Temperature, Air	-29.0 °C	-20.2 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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