

3M™ Aesthetic Solar Tape

8006C, 8006B, 8006W

Product Description

3M™ Aesthetic Solar Tape 8006 can generally be used for cosmetic and insulating applications in solar panel manufacturing. The adhesive is tolerant to typical lamination temperatures.

Features

- Easily removable
- Available in White, Black, or Clear

Product Construction

Properties	Typical Values
Adhesive Type	Acrylic (transparent or pigmented)
Backing	Polyester
Backing Thickness mil (mm)	0.9 (0.023)
Adhesive Thickness mil (mm)	1.0 (0.025)
Total Thickness mil (mm)	1.9 (0.048)
Release Liner	None**
Color	Clear, Black, White

*3M Aesthetic Solar Tape 8006C only.

**Release coating on backing.

Typical Physical Properties

Properties	Typical Values	Test Method
Adhesion to Steel oz/in (N/100 mm)	30 (33) width	ASTM D-3330 (180 degrees peel, 12 in/min)
Dielectric Strength (kV)	5.9* 160°C, 30 min.	
Outgassing (μcm^2)*	0.4	
Tensile Strength at Break lbs/in (N/100 mm)	28 (491) width	ASTM D-3759
Elongation at Break, %	12	ASTM D-3759

*3M Aesthetic Solar Tape 8006C.

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.



Note: All tapes should be thoroughly evaluated by the user under actual conditions with intended substrates to determine whether a specific tape is fit for a particular purpose and suitable for user's method of application, especially if expected use involves extreme environmental conditions.

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

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Germany

49 2131 144450

Denmark

45 43 480100

Spain

34 91 3216000

France

33 1 30316161

United Kingdom

44 1344 858000

Italy

39 02 70351

Singapore

65 6450 8888

China

86 21 62753535

Korea

82 2 3771 4043

India

91 80 22231414

Canada

800 364 3577

Brazil

0800 13 23 33

Mexico

52 55 52702250

Taiwan

886 933 896752

Japan

81 3 3709 8283

Malaysia

603 78062888

Other Areas

800 755 2654

For more information on our solar manufacturing product line, contact 3M Renewable Energy at 800-755-2654 or visit us at www.3M.com/solar.

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