

# 3M™ Aesthetic Solar Tape 1306

## Product Description

3M™ Aesthetic Solar Tape 1306 is a black polyester film tape with acrylic pressure-sensitive adhesive that can generally be used for cosmetic applications in solar panel manufacturing.

## UL Component Recognition

1306 is UL listed under UL 510 QANZ2 File E17385.

## Product Construction

Properties	Typical Values
Adhesive Type	Acrylic
Backing	Polyester
Backing Thickness mil (mm)	1.0 (0.025)
Adhesive Thickness mil (mm)	1.5 (0.038)
Total Thickness mil (mm)	2.5 (0.064)
Release Liner	None**
Color	Black

\*Release coating on backing.

## Typical Physical Properties

Properties	Typical Values	Test Method
Dielectric Breakdown (kV)	5.5	ASTM D 1000
Insulation Resistance (megohms)	>1 x 10 <sup>6</sup>	ASTM D 1000
Breaking Strength lbs./in (N/10 mm)	25 (44)	ASTM D 1000
Elongation (% at break)	100	ASTM D 1000
Adhesion to Steel oz/in (N/10mm)	30 (3,3)	ASTM D 1000

## Storage

Store in original cartons at 50°F (10°C) TO 80°F (27°C) and less than 75% relative humidity.

## Shelf Life

If stored under proper conditions, product retains its performance and properties for two years 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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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**

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52 55 52702250

**Taiwan**

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**Japan**

81 3 3709 8283

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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](http://www.3M.com/solar).

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