

# 3M™ Dielectric Tape 1506S

## Product Description

3M™ Dielectric Tape 1506S is a 1-mil, clear polyester film with a pressure-sensitive acrylic adhesive. A single-coated tape, it features an adhesive system that offers resistance to most common cleaning solvents.

- Oil Resistant
- Resists most common cleaning solvents
- Transparent

## UL Component Recognition

Tape 1506S is UL listed under UL 510 OANZ2 File E17385.

## Product Construction

Properties	Typical Values
Adhesive Type	Acrylic
Backing	Polyester Film
Backing Thickness mil (mm)	1.0 (0.025)
Adhesive Thickness mil (mm)	1.5 (0.038)
Total Thickness mil (mm)	2.5 (0.063)
Release Liner	None*
Color	Translucent

\*Release coating on backing.

## Typical Physical Properties

Properties	Typical Values	Test Method
Breaking Strength lbs./in (N/10 mm)	25 (44)	ASTM D-1000
Elongation %	100	
Adhesion to Steel oz./in (N/10 mm)	35 (3.8)	ASTM D-1000
Dielectric Strength (kV)	5.5	ASTM D-1000
Insulation Resistance	$>1 \times 10^6$ megohms	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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800 755 2654

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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

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91 80 22231414

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52 55 52702250

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**Japan**

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