

# Scotch™ brand No. 838 “Tedlar”\* Plastic Film Tape



## Technical Data

### SCOTCH BRAND NO. 838 “TEDLAR” PLASTIC FILM TAPE

**DESCRIPTION:** A “Tedlar” tape with an acrylic adhesive developed for weather-resistant applications.

**CONSTRUCTION:**

Backing:	“Tedlar”
Adhesive:	Acrylic
Color:	White
Standard Roll Length:	72 yards (66 m)

**IMPORTANT:**

Because of the variables involved in the applications, 3M cannot assume any liability as far as the performance of the tape is concerned. The customer should determine the suitability of the product for his intended use.

**TYPICAL PHYSICAL PROPERTIES:** Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel:	42 oz./in. width (46 N/100mm)	<b>D-3330</b>
Tensile Strength at Break:	24 lbs./in. width (420 N/ 100mm)	<b>D-3759</b>
Elongation at Break:	194%	<b>D-3759</b>
Total Tape Thickness:	3.4 mils	<b>D-3652</b>
Temperature Use Range:	-98°F to 225°F (-72°C to 107°C)	

**GENERAL INFORMATION:**

1. No. 838 film tape has good aging properties because it contains no plasticizers. It also remains tough and flexible over a broad temperature range.
2. The unusual properties of “Tedlar” include excellent resistance to weathering, outstanding mechanical properties and inertness towards a wide variety of chemicals, solvents and staining agents.
3. “Tedlar” film tape is strong, flexible and fatigue resistant.

**POSSIBLE USES:** Outdoor seals of building panels and similar severe exposure application. Hinge and seal on shower doors.

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## FEATURES

“Tedlar” backing

Acrylic adhesive

## ADVANTAGES

Conformable

Weather resistant

Abrasion resistant

Long aging

## BENEFITS

Ease of application

Permanent seal

Reduces replacement costs

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Litho in USA with 3M offset plates, film and proofing systems.

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**3M Industrial Tape  
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