

# Avery Dennison™ FT 239

## ◆ DESCRIPTION

Avery Dennison™ FT 239 is a double coated tissue tape specifically designed for bonding to low density synthetic foams and has found a wide acceptance in many industrial sectors.

## ◆ CONSTRUCTION

Adhesive : permanent synthetic rubber resin adhesive typified by an extremely high tack, moderate shear and a high peel adhesion

Carrier : tissue

Liner : blue/green supercalendered glassine.

## ◆ FEATURES & BENEFITS

### Features

- \* Extremely high tack adhesive
- \* High coatweight of adhesive.
- \* Low density, open tissue.
- \* Easy release liner.

### Benefits

- \* Provides excellent initial adhesion to a wide variety of substrates.
- \* Good bonding to uneven surfaces.
- \* Whilst maintaining a high degree of conformability, the product is still capable of anchoring to low density foams.
- \* Facilitates easy removal at point of application.

## ◆ TYPICAL APPLICATIONS

FT 239 is the ideal product for general purpose foam bonding where high temperature performance is not required e.g. gaskets, sound deadening and insulation materials.  
Ideal for rough uneven surfaces e.g. embossed plastics and metals.  
Suitable for porous surfaces e.g. cork, felt.

## ◆ SURFACE PREPARATION

It is essential, as with all pressure sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease and oil.

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Physical Properties	Typical Values	Units	Test Methods
<b>THICKNESS</b>			
Adhesive + Carrier	160	microns	ATM .7
Liner :	85	microns	
Total	245	microns	
<b>ELONGATION</b>			
	2.0	%	ATM.13-
<b>TENSILE STRENGTH</b>			
	1.1	kN/m	ASTM D882
<b>TACK (Finat)</b>			
	1600	N/m	ATM.8-FINAT.9
<b>ADHESION (180° peel)</b>			
	<u>20 min</u>	<u>24 hrs</u>	N/m
Stainless steel	870	900	ATM.1-PSTC.1
Painted steel	900	910	
Polycarbonate	770	790	
Rigid polypropylene	640	670	
<b>SHEAR RESISTANCE</b>			
(Static-1000g/25mmx25mm)	110	ks	ATM.2-FINAT.8- PSTC.7
<b>TEMPERATURES</b>			
Application (minimum)	+ 10	°C	
Service (continuous)	- 40 to + 55	°C	
Short time	+ 80	°C	
<b>STORAGE and SHELF LIFE</b>			
Two years when stored at 21° C (70° F), 50 % relative humidity, out of direct sunlight.			
<b>Important</b> - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes.			
All Avery Dennison materials described herein are sold subject to Avery Dennison's Conditions of Sales, a copy of which is available on request.			

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Avery Dennison™ is a trademark of Avery Dennison Corporation.

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