

Avery Dennison™ FT 666

◆ DESCRIPTION

FT 666 is a double coated polyester scrim designed for bonding foamed synthetic rubbers and plastics in the production of gasketing and weather strips.

◆ CONSTRUCTION

Adhesive : Permanent synthetic rubber resin adhesive typified by an extremely high tack and high shear performance.
Carrier : Polyester scrim
Liner : Brown, supercalendered paper.

◆ FEATURES & BENEFITS

Features

- * High coatweight of adhesive
- * Extremely high tack adhesive.
- * Specially designed adhesive
- * Polyester scrim carrier

Benefits

- * Good bonding to uneven surfaces.
- * Provides excellent initial adhesion to a wide variety of substrates.
- * Ideal for bonding to foamed rubbers and plastics used in the manufacture of industrial and domestic gaskets and weather strips.
- * Imparts a high degree of resistance to volatile components of foamed rubbers and plastics.
- * Provides an excellent balance between strength and flexibility.

◆ TYPICAL APPLICATIONS

Production of gaskets for use in the industrial- and domestic sectors (e.g. weatherstrip for use in double glazed windows and doors).
Ideal for rough uneven surfaces e.g. embossed plastics and metals.
Suitable for porous surfaces.

◆ 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.



Avery Dennison™ FT 666

Physical Properties	Typical Values	Units	Test Methods
THICKNESS			
Adhesive + Carrier :	190	microns	ATM.7
Liner :	75	microns	
TOTAL :	265	microns	
ELONGATION			
	25	%	ATM.-13-
TENSILE STRENGTH			
	2.0	kN/m	ASTM D882
TACK (Finat)			
	2640	N/m	ATM.8 – FINAT.9
ADHESION (180° peel)			
	<u>20 min</u>	<u>24 hrs</u>	N/m
Stainless steel	2580	2600	ATM.1 – PSTC.1
Painted steel	2090	2130	
Polycarbonate	2070	2130	
Rigid polypropylene	2050	2070	
SHEAR RESISTANCE			
(Static-2500g/25mmx25mm)	55	ks	ATM.2 – FINAT.8 PSTC.7
TEMPERATURES			
Application (minimum)	+ 10	°C	
Service (continuous)	- 40 to + 65	°C	
Short time	+ 70	°C	
STORAGE and SHELF LIFE			
Two years when stored at 21° C (70° F), 50 % relative humidity, out of direct sunlight.			
Important - 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.			

45.90

Avery Dennison™ is a trademark of Avery Dennison Corporation.

Specialty Tape Division
Industrial Business Unit
 Tieblokkenlaan 1 - B 2300 Turnhout (Belgium)
 Tel. : +32 (14) 404811 - Fax : +32 (14) 404855

