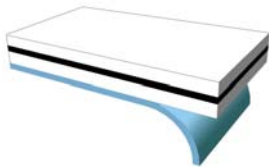




AVERY DENNISON

FM 477

◆ CONSTRUCTION



Adhesive: Modified acrylic adhesive

Carrier: A 0.8 mm crosslinked, closed cell polyethylene white foam

Liner: Havana (yellow/brown) coloured glassine

Features

- ◆ Specially developed modified adhesive
- ◆ High total caliper construction
- ◆ Closed cell polyethylene foam carrier
- ◆ Medium release liner

Benefits

- ◆ Immediate high initial adhesion, high ultimate adhesion and shear bonding strength while retaining properties at extreme low and high temperatures
- ◆ Excellent adhesion to a variety of metals, rigid plastics such as polypropylene, PVC, ABS and polycarbonate
- ◆ Provides conformability to rough, irregular surfaces and compensates for mould tolerance variations
- ◆ High internal strength providing conformability to irregular surfaces combined with excellent gap filling properties
- ◆ A balanced release enabling easy conversion into diecut shapes and easy removal at point of application

◆ TYPICAL APPLICATIONS



Mirror assembly

**Mounting and fixation
HVAC**

Point-of-sales / Displays

Gasketing and sealing

◆ TEMPERATURES

Application (minimum)	+10 °C
Service (continuous)	-40 °C to +90 °C
Short term	+100 °C

Physical Properties

Typical Values

THICKNESS

Adhesive + carrier	900 microns
Liner	75 microns
Total	975 microns

*ATM.7

ELONGATION TENSILE STRENGTH

250 %
1.3 kN/m

*ASTM D-412 Die "C"

ADHESION (180° peel) N/m

Stainless Steel
Painted Steel
Polycarbonate
Rigid Polypropylene

Adhesive strength to substrate exceeds the internal strength of the foam carrier

*ATM.1 - PSTC.1

SHEAR RESISTANCE (static - 2500/25mm x 25mm)

10.000 min

*ATM.2 - FINAT.8 - PSTC.7

SAFT - 500g

120°C

*(Shear Adhesion Failure Temperature)

foam shrinkage

*TESTMETHODS



ISO 9001:2000
Certificate number Q 5757



AVERY DENNISON

◆ **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.

◆ **STORAGE AND SHELF LIFE**

The shelf life of the product is two years when stored at 18-22°C, 30-70 % relative humidity and out of direct sunlight, in original packaging.

◆ **WEBSITE**

Visit us at: <http://steu.averydennison.com>

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. It should be noted that the substrate test materials are generic and therefore actual results may vary from those given above. 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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