



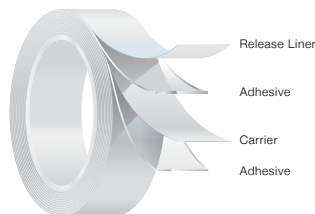
FM 477

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



CONSTRUCTION:

Adhesive:

Medium density grey acrylic foam

Carrier:

A 0.8 mm crosslinked, closed cell polyethylene white foam

Liner:

Havana (yellow/brown) coloured glassine

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Physical Properties	Typical Values
THICKNESS	
Adhesive + Carrier	900 microns
Liner	75 microns
Total	975 microns
*ATM.7	
ELONGATION	250%
TENSILE STRENGTH	1.3 kN/m
*ASTM D-412 Die "C"	
ADHESION: (180° peel) N/m	
Stainless Steel	Adhesive strength to substrate exceeds the internal strength of the foam carrier
Painted Steel	
Polycarbonate	
Rigid Polypropylene	
*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	

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE AND SHELF LIFE

The shelf life of the product is two year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

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