

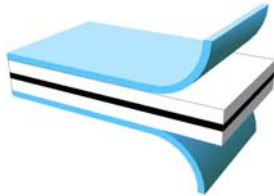


# AVERY DENNISON

# FT 397

## DC Mounting Tape 12µ carrier

### ◆ CONSTRUCTION



**Adhesive:** Both sides cross-linked, long life, acrylic, pressure-sensitive adhesive

**Carrier:** 12 micron high performance polyester film

**Liners:** Thick, one side clay-coated paper with green "Fasson – Fastouch" imprint. On laminating side: thick, one side clay-coated paper.

### Features

- ◆ Cross-linked acrylic adhesive
- ◆ Polyester carrier
- ◆ Smooth adhesive layer
- ◆ Low in chlorine and sulphur content
- ◆ Clay-coated liner
- ◆ UL969-recognized (file MH 27536)

### Benefits

- ◆ Provides excellent temperature performance, UV-, chemical and moisture resistance and transparency
- ◆ Compatible with most printing inks and offers a very long life time
- ◆ Low shrinkage even when subjected to elevated temperature
- ◆ No unevenness in the finished appearance of the MTC
- ◆ Exceptional resistance to corrosion
- ◆ Good layflat
- ◆ Independent quality label

### ◆ TYPICAL APPLICATIONS



An ideal product for mounting graphic overlays to membrane touch control assemblies and for bonding the entire panel to rigid base.

### ◆ TEMPERATURES

|                       |                   |
|-----------------------|-------------------|
| Application (minimum) | +10 °C            |
| Service (continuous)  | -40 °C to +120 °C |
| Short term            | +140 °C           |

### Physical Properties

### Typical Values

#### THICKNESS

|                    |             |
|--------------------|-------------|
| Adhesive + Carrier | 88 microns  |
| Liner MS           | 131 microns |
| Liner LS           | 131 microns |
| Total              | 350 microns |

\*ATM.7

#### ELONGATION

100 %

#### TENSILE STRENGTH

2 kN/m

\*AST.13 - ASTM D882

#### TACK (finat)

MS/LS

\*ATM.8 - FINAT.9

700 N/m

#### ADHESION (180° peel) N/m

20 min      24 hrs

|                     |     |     |
|---------------------|-----|-----|
| Stainless Steel     | 540 | 570 |
| Painted Steel       | 460 | 530 |
| Polycarbonate       | 615 | 690 |
| Rigid Polypropylene | 280 | 300 |
| Polyester           |     | 470 |
| ABS                 | 460 | 545 |

\*ATM.1 - PSTC.1

#### SHEAR RESISTANCE

MS/LS

(static - 1000g/25mm x 25mm)

> 10.000 min

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

\*TESTMETHODS



# 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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