

## TECHNICAL DATA SHEET

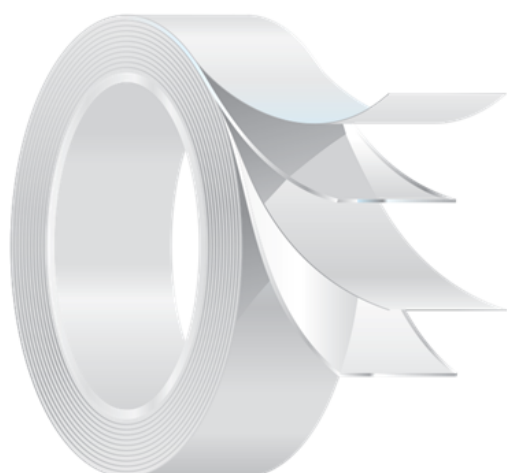
**Avery Dennison™ FT 73046** is a double coated polypropylene tape with a permanent synthetic rubber adhesive used for a wide range of bonding applications. Also offers a combination of high immediate adhesion and good water immersion resistance.

### FEATURES

- High tack synthetic rubber adhesive
- Strong, clear polypropylene carrier
- Easy release liner

### BENEFITS

- Good wetting and shear properties
- Excellent adhesion to a variety of metals, rigid and foamed plastics
- Provides excellent dimensional stability and reinforcement to flexible substrates
- For applications where high shear is required: e.g. heavy POS display, hangers, sports equipment. White goods industry: gasket and seal mounting, nameplates, emblems and back printed graphics



### CONSTRUCTION

**Liner:** White glassine paper

**Adhesive 1:** Synthetic rubber

**Carrier:** Clear polypropylene (15 µm)

**Adhesive 2:** Synthetic rubber

## Adhesive Properties

## Typical Values

THICKNESS (ASTM D3652)		US Mils	MM's	Micron's (µm)
Liner		3.35	0.085	85
Carrier & Adhesive		4.92	0.125	125
Total Caliper		8.27	0.210	210
PEEL ADHESION (ASTM D3330)				
180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Stainless Steel	20 min dwell	6.75	108	1182
	24 hr dwell	6.85	110	1200
Polypropylene	20 min dwell	7.38	118	1292
	24 hr dwell	6.74	108	1180
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		Lbf / in	US Oz / In	N / Meter
Glass	Initial	9.52	152	1668
DYNAMIC SHEAR (ASTM D- 1002) 1"sq (6.25 cm2) 2mm / min @ Room Temp				
SUBSTRATE			Lbf / in²	kPa
Stainless Steel	20 min dwell		249.93	1723
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm²)1000 g @ Room Temp				
SUBSTRATE		Min to Fail		
Stainless Steel	20 min dwell	> 5000		
SAFT (ASTM 3654) 1"sq (6.25 cm²) 500 g				
SUBSTRATE		Fail Temp °C		
Stainless Steel	20 min dwell	> 85		
TEMPERATURES			°F	°C
Minimum Application Temperature			50 °F	+10 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			176 °F	+80 °C

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

## APPLICATION TECHNIQUES

- 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 or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

## STORAGE / SHELF LIFE

Two years when stored at 64-72 °F (18-22 °C) / 30-70 % relative humidity, out of direct sunlight and in original packaging.

For more information on our bonding tapes and adhesive solutions, call us:

North America: +1 866 462 8379

Asia Pacific: +86 512 57155001

Europe: +32 (0)14 40 48 11

[www.tapes.averydennison.com](http://www.tapes.averydennison.com)