



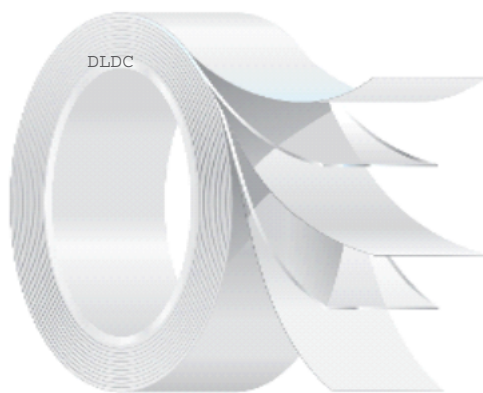
## FT 397

### FEATURES

- Cross-linked acrylic adhesive
- Polyester carrier
- Smooth adhesive layer
- Low in chlorine and sulphur content
- Clay-coated liners
- 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
- Exceptional resistance to corrosion
- Good layflat properties
- Independent quality label



### CONSTRUCTION:

#### Liner 1 (Tight):

Printed Clay-coated Paper

#### Adhesive 1:

Acrylic

#### Carrier:

Polyester

#### Adhesive 2:

Acrylic

#### Liner 2 (Easy):

Clay-coated Paper

**FT 397****Adhesive Properties:**

Thickness	ASTM D3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		5.2	0.13	132
Adhesive - Unwind		1.4	0.04	36
Carrier		0.5	0.01	13
Adhesive - Liner		1.4	0.04	36
Liner 2 Easy		5.2	0.13	132
Total Caliper without Liner:		3.3	0.08	180
Total Caliper:		13.7	0.35	84

**Peel Adhesion**

ASTM D3330

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	20 min dwell	3.1	546
SS	Liner	24 hr dwell	3.3	581
ABS	Liner	20 min dwell	2.6	458
ABS	Liner	24 hr dwell	3.1	546
PP	Liner	20 min dwell	1.6	282
PP	Liner	24 hr dwell	1.7	299
Painted Steel	Liner	20 min dwell	2.6	458
Painted Steel	Liner	24 hr dwell	3.0	528
Polycarbonate	Liner	20 min dwell	3.5	616
Polycarbonate	Liner	24 hr dwell	3.9	687

**Loop Tack**

ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	4.0	704

**Static Shear**

ASTM D3654

180° 1" sq (6.5 cm<sup>2</sup>) 1000 g

Substrate			Mins to Fail
SS	Liner	Initial	> 10,000

**TEMPERATURES**

	° F	° C
Minimum Application Temperature	50° F	30° C
Maximum Continuous Operating Temperature	248° F	120° C
Maximum Intermittent Operating Temperature	284° F	140° C

THE LISTED VALUES ARE TYPICAL 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.

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