



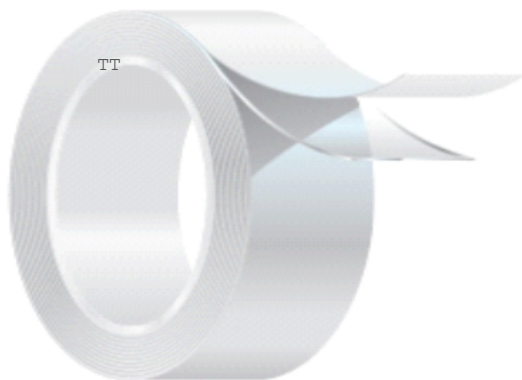
FT Y1092

FEATURES

- Highly engineered acrylic adhesive
- Uniform adhesive thickness
- Easy release liner

BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, moisture, temperature and UV-light
- Consistent application performance
- Good conformability to flat or curved surfaces
- High degree of transparency
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner:

Yellow Glassine

Adhesive:

Acrylic

FT Y1092

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.0	0.08	76
Adhesive		0.9	0.02	23
Total Caliper without Liner:		0.9	0.02	23
Total Caliper:		3.9	0.10	99
Peel Adhesion		ASTM D3330		
180° 12 in (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	20 min dwell	2.3	405	
	24 hr dwell	2.4	423	
Polycarbonate	20 min dwell	1.9	335	
	24 hr dwell	2.2	387	
Painted Steel	20 min dwell	2.0	352	
	24 hr dwell	2.2	387	
PP	20 min dwell	0.9	158	
	24 hr dwell	1.1	194	
Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	3.2	564	
Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 2500 g @ Room Temp				
Substrate		Mins to Fail		
SS	Initial	> 2,500		
Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 2500 g @ 392°F / 200°C				
Substrate		Mins to Fail		
SS	Initial	> 10,000		
TEMPERATURES		° F	° C	
Minimum Application Temperature		50° F	10° 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.

Please refer to [Tapes.AveryDennison.com](https://www.AveryDennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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