



FT 7399

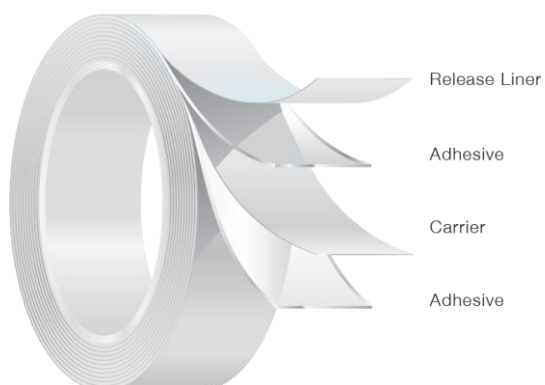
Avery Dennison FT 7399 is a differential double coated modified solvent acrylic/solvent rubber tape, designed for applications where an extreme adhesion is required to low surface energy materials on the laminating side and where the mounting side requires a high adhesion to larger textured and painted surfaces offering the advantage of repositionability with a strong adhesion built-up over time.

FEATURES:

- High tack laminating adhesive
- Differential adhesive system
- Service temperature up to 110°C
- Easy release glassine liner
- Strong, conformable filmic carrier

BENEFITS:

- Mounting side: offering initial repositionability when mounted and increased adhesion performance built-up over time
- Laminating side: high initial adhesion to a wide variety of LSE substrates
- High resistance to moisture
- Consistent application performance
- Suitable for high temperature bonding applications
- Reinforces flexible substrates and acts as a barrier for highly plasticized substrates
- Improved die-cutting characteristics
- Facilitates easy removal at point of application



CONSTRUCTION:

Liner:

Havana (yellow/brown) glassine

Adhesive:

Modified solvent acrylic

Carrier:

Transparent polyester film 12µm

Adhesive:

Solvent rubber

FT 7399

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	4.61	0.117	117
Liner	2.95	0.075	75
Total	7.56	0.192	192

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate		Lbf / in	N / Meter
		72 hr	72 hr
Stainless steel	Liner	5.6	980
	Unwind	7.4	1300
ABS	Liner	5.7	1000
	Unwind	7.7	1350
Polypropylene	Liner	4.6	800
	Unwind	6.9	1200

*PSTC-101, ASTM D-3330, STD-10

LOOP TACK2 mil PET; 90°; 20" / min; 1" sq (6.5 cm²)

Substrate		Lbf / in	N / Meter
Stainless steel	Liner	4.8	850
	Unwind	6.9	1200

*PSTC-16, STD-7

STATIC SHEARFoil; 1" sq (6.5 cm²); 1000 g**Min to Fail**

1000

*PSTC-107, ASTM D 3654, STD-9

TEMPERATURES

Min. Application Temp.	50°F	10°C
Max. Continuous Operating Temp.	230°F	110°C
Max. Intermittent Operating Temp.	248°F	120°C

*TEST METHODS

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

Please refer to Tapes.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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Performance
Tapes

Asia Pacific
Kunshan, China,
NO. 618 Nanhe Road
Kunshan Economic &
Technological Zone
China, 215335
Phone: +86 512 57155001
Fax: +86 512 57155059

Europe
Tieblokkenlaan 1
B-2300 Turnhout
Belgium
Phone: +32 (0)14 40 48 11
Fax: +32 (0)14 40 48 55

Europe
Bld J.F. Kennedy 1
7060 Soignies
Belgium
Phone: +32 (0)14 40 48 11
Fax: +32 (0)14 40 48 55

North America
250 Chester Street
Painesville, Ohio
44077 USA
Phone: +1 866-462-8379
Fax: +1 888-358-4469