

FT 1126 Transfer Tape

Applications

FT 1126 is a 5.2 mil transfer tape with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. FT 1126 is commonly used for foam and fabric applications in the automotive and appliance industries.

Features

Unsupported adhesive
Modified acrylic adhesive for low surface energy substrates
Super calendered kraft release liner

Benefits

Highly conformable to curved or irregular surfaces
Strong bond to low surface energy materials and good foam bonding performance
Good heat resistance
High tensile strength and tear resistance with excellent die cutting performance

Construction

Liner: 80# White Kraft
Adhesive: Acrylic

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

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



Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		4.4	0.11	110
Adhesive		5.2	0.13	130
Total Caliper without Liner:		5.2	0.13	130
Total Caliper:		9.6	0.24	240

PEEL ADHESION				Test Method(s): PSTC-101, ASTM D-3330	
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)		
Substrate				Lbf / In	N / Meter
SS				8.0	1,400
ABS				8.0	1,400

LOOP TACK				Test Method(s): PSTC-16	
2 mil PET	Initial	20 in / min (508 mm / min)			
Substrate				Lbf / In	N / Meter
SS				9.0	1,580

STATIC SHEAR				Test Method(s): PSTC-107, ASTM D 3654	
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	500 g		
Substrate				Mins to Fail	
SS				10,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	350° F	175° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS