



## FT 1149X 12 Pt Board

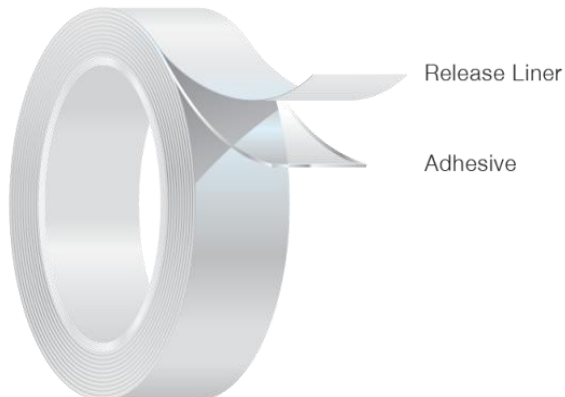
FT 1149X 12 Pt Board was designed for applications requiring high adhesion to low surface energy materials and to foams and fabrics where low fogging is required.

### FEATURES:

- Very aggressive acrylic adhesive
- Low fogging qualities
- Thick transfer tape
- High performance board liner

### BENEFITS:

- High adhesion to low surface energy plastics
- High initial tack
- Excellent bond to foams and fabrics
- Meets OEM fogging and flammability specifications
- Does not contain any of the 13 chemicals restricted by the Japanese Ministry of Health, Labor and Welfare



### CONSTRUCTION:

#### Liner:

12 Point Natural Board

#### Adhesive:

Acrylic

**FT 1149X 12 Pt Board**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		12.5	0.32	317
Adhesive:		4.5	0.11	114
Total Caliper:		17.0	0.43	431

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET	Initial 180° 12" min			
Substrate		Lbf / In	US Oz / In	N / Meter
SS		6.8	109	1191
ABS		10.9	174	1909
PP		2.9	46	508
Talc PP		3.1	50	543
HDPE		2.8	45	490
TPO		9.4	150	1646
Painted Metal		10.3	165	1804
PPG Carbamate		5.1	82	893
Aluminum		5.0	80	876

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10		
2 mil PET	24 hr dwell 180° 12" min			
Substrate		Lbf / in	US Oz / In	N / Meter
EPDM Foam		Foam Tear	#VALUE!	#VALUE!

FLAMMABILITY		Test Method(s): FMVSS 49 CFR 571 302 09		
Flock	mm / 60 s	mm		
Substrate		Spec	mm	
ABS		< 100	< B25	
Polypropylene		< 100	< B25	
TPO		< 100	< B25	
Painted Metal		< 100	EBRTZ	

FOGGING		Test Method(s): SAE J1756 06		
Flock		Spec	Units - 1 hr	Units - 16 hrs
3 hrs @ 100°C, 21°C Cooling		> 60	98	99
6 hrs @ 85°C, 38°C Cooling		> 60	-	100

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		200 ° F	93 ° C
Max Intermittent Operating Temp		250 ° F	121 ° 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**

- One year 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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