



FT 0900X

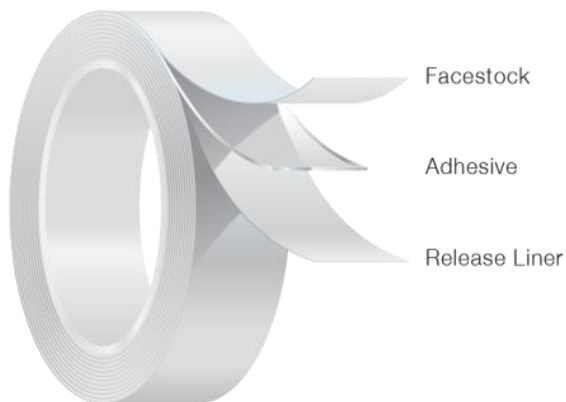
FT 0900X was designed for anti squeak applications requiring high adhesion to low surface energy materials and where low fogging is required.

FEATURES:

- Very aggressive acrylic adhesive
- Low fogging qualities
- Thick transfer tape
- Natural poly-coated moisture stable liner
- Used in anti-squeak applications

BENEFITS:

- High adhesion to low surface energy plastics
- High initial tack
- Strong, abrasion resistant poly-cotton flock
- Meets OEM fogging specifications
- Does not contain any of the 13 chemicals restricted by the Japanese Ministry of Health, Labor and Welfare



CONSTRUCTION:

Liner:

Natural Stafplat

Adhesive

Acrylic

Carrier:

Black Flock*

* Fabric (65% Polyester, 35% Cotton) - Flock (100% Nylon)

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Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		5.8	0.15	147
Adhesive:		4.5	0.11	115
Carrier:		31.0	0.79	787
Total Caliper:		41.3	1.05	1049

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330		
Product	24 hr dwell	180°	12" min	
Substrate	Lbf / In	US Oz / In	N / Meter	
SS	5.2	83	904	
ABS	4.3	69	760	
PP	3.6	57	629	
Talc PP	4.0	65	707	
TPO	6.9	111	1210	
Polycarbonate	2.9	46	506	
Painted Metal	7.8	125	1366	
PPG Carbamate	3.3	53	580	
Aluminum	4.5	72	788	

LOOP TACK		Test Method(s): PSTC-101, ASTM D-3330		
Product	180°	20" min		
Substrate	Lbf / in	US Oz / In	N / Meter	
SS	3.1	50	545	

FLAMMABILITY		Test Method(s): UL 94		
mm / 60 s	ABS			
Substrate	Spec	mm		
ABS	< 100	< B25		
Polypropylene	< 100	< B25		
TPO	< 100	< B25		
Painted Metal	< 100	EBRTZ		

FOGGING		Test Method(s): ASTM D-3330		
Product	Spec	Units - 1 hr	Units - 16 hrs	
3 hrs @ 100°C, 21°C Cooling	> 60	94	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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