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# Single-Coated Black Flock Tape

## FT-0090X

### General Description

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FT 0090 was designed for anti-squeak applications requiring high adhesion to low surface energy materials and where low fogging is required. Meets OEM fogging specifications. High initial tack. High adhesion to low surface energy plastics. Very aggressive acrylic adhesive. Strong, abrasion resistant poly-cotton flock. Thick transfer tape.

### Applications

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- Anti-squeak applications
- Low fogging qualities
- PET release liner for improved handling and die cutting properties

### Technical Data

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TECHNICAL PROPERTIES		
Liner	Polyester	2.0 mil
Adhesive Thickness	Acrylic	4.5 mil
Carrier Thickness	Black Flock	31.5 mil
Total Thickness		37.5 mil

PEEL ADHESIVE TEST DATA			
Substrate	(US Oz / In)	(N/ Meter)	(Lbf/ In)
SS	83	904	5.2
ABS	69	760	4.3
PP	57	629	3.6
Talc PP	65	707	4.0
TPO	111	1210	6.9
Polycarbonate	46	506	2.9
Painted Metal	125	1366	7.8
PPG Carbamate	53	508	3.3
Aluminum	72	788	4.5



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<b>Loop Tack</b>			
<b>Substrate</b>	<b>Lbf / In</b>	<b>US Oz/ In</b>	<b>N / Meter</b>
SS	3.1	50	545

<b>Flammability (mm / 60 s)</b>		
<b>Substrate</b>	<b>Spec</b>	<b>mm</b>
ABS	<100	<B25
Polypropylene	<100	<B25
TPO	<100	<B25
Painted Metal	<100	EBRTZ

<b>Fogging</b>			
<b>Product</b>	<b>Spec</b>	<b>Units - 1 Hr</b>	<b>Units - 16 Hrs</b>
3hrs @ 100c, 21c Cooling	>60	93	99
6hrs @ 85c, 38c Cooling	>60	-	100

<b>Temperatures</b>	<b>(F)</b>	<b>(C)</b>
Min Application Temp	50F	10C
Max Continuous Operating Temp.	200F	93C
Max Intermittent Operating Temp	250F	121C

**NOTE:**

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. Shelf life is one year from date of shipment when stored in a cool dry place below 76° F (24°C). Rolls should be stored on end.
3. The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.