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**TEST REPORT**

PRODUCT: FT 1149X  
SUPPORT: 2 MM FELT  
SUBSTRATE: PP  
STD CERT NO.: 221216 - 0933



**GMW 16875 TYPE IA-CYCLE-E**  
OEM Rev Date: Jan 13

Performance Requirements of Anti-Squeak, Itch, Rattle Fiber Tape  
Type IA material is a flocked fabric or felt tape coated with a permanent acrylic PSA not exposed to UV Initial

**TAPE REQUIREMENTS:**

SECTION:	Standard	Specification	Results	Status
SECTION: <b>Liner Removal</b> Initial RT	ISO 8510-2	<b>900 N / m</b>	30.9	<b>Pass</b>
SECTION: <b>Peel Adhesion</b> Aged, 72 hrs @ RT	ISO 8510-2	<b>350 N / m</b>	1456.2	<b>Pass</b>
Humidity, 24 hrs @ 38°C / 95% RH		<b>350 N / m</b>	1704.9	<b>Pass</b>
Aged, 168 hrs @ 70°C		<b>350 N / m</b>	2199.8	<b>Pass</b>
GMW 14124 CYCLE E		<b>350 N / m</b>	2116.4	<b>Pass</b>
72 hrs @ 70°C				
24 hrs @ 38°C / 100% RH				
8 hrs @ -30°C				
40 hrs @ 70°C				
24 hrs @ 38°C / 100% RH				
8 hrs @ -30°C				
SECTION: <b>Shear Strength, MD</b> 4 hrs @ -18°C	ASTM D1000	<b>7500 N / m</b>	10996.3	<b>Pass</b>
24 hrs @ 60°C		<b>3500 N / m</b>	4371.7	<b>Pass</b>
SECTION: <b>Taber Abrasion*</b> 500 Cycles CS-10,1 kg Load	GMW3208	<b>No Wear Thru to Fabric Backing</b>	Worn But Not Thru	<b>Pass</b>
SECTION: <b>Flammability</b> Initial, Component	GMW3232	<b>100 mm / min</b>		<b>Pass</b>
SECTION: <b>Xenon Weatherometer*</b> Not Applicable	GMW14162	<b>No Degradation, Stiffening, Bleaching or Objectionable Color</b>	Not Applicable	<b>NA</b>
SECTION: <b>Odor*</b> Wet Condition, Coding A - 24 hrs @ 70°C, Deionized Water Dry Condition, Coding B - 24 hrs @ 70°C High Temp Condition - 24 hrs @ 105°C	GMW3205	<b>6 Min Rating</b>	8 Noticeable, Trace 8 Noticeable, Trace 7 Clearly Noticeable, But Not Objectionable	<b>Pass</b> <b>Pass</b> <b>Pass</b>
SECTION: <b>VOC*</b> Per GMW 16853	GMW15634	<b>6 mg</b>	Not Tested	<b>Not Tested</b>
SECTION: <b>Gravimetric Fogging</b> 18 hrs @ 100°C, 21°C Cooling, 24 hr RT Desiccant	GMW3235 Method B	<b>2 mg</b>	1.8	<b>Pass</b>

CERTIFIED BY:   
Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-24

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.  
This certificate or report shall not be reproduced except in full, without the written approval of the Avery Dennison Performance Tapes.  
Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.  
This laboratory is not accredited for the calibrations or tests marked \*.  
Avery Dennison Performance Tapes 250 Chester St. Painesville, Ohio 44077 Original Test Date: 9-9-2020 Page 1 of 1