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**TEST REPORT**

PRODUCT: FT 1149X  
SUPPORT: FLOCK  
SUBSTRATE: PP  
STD CERT NO.: 221215 - 1457



**GMW 16875 TYPE IA-CYCLE-D**  
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:	ISO 8510-2	Specification	Results	Status
Initial RT		900 N / m	41.4	Pass
SECTION: <b>Peel Adhesion</b>	ISO 8510-2	Specification	Results	Status
Aged, 72 hrs @ RT		350 N / m	1268.9	Pass
Humidity, 24 hrs @ 38°C / 95% RH		350 N / m	1543.8	Pass
Aged, 168 hrs @ 70°C		350 N / m	403.9	Pass
GMW 14124 CYCLE D		350 N / m	567.9	Pass
24 hrs @ 38°C / 100% RH				
4 hrs @ 85°C				
3 hrs @ RT				
17 hrs @ 85°C				
168 hrs @ 70°C				
4 hrs @ -30C				
100 hrs @ 70°C				
SECTION: <b>Shear Strength, MD</b>	ASTM D1000	Specification	Results	Status
4 hrs @ -18°C		7500 N / m	14563.1	Pass
24 hrs @ 60°C		3500 N / m	6271.5	Pass
SECTION: <b>Taber Abrasion*</b>	GMW3208	Specification	Results	Status
500 Cycles CS-10,1 kg Load		No Wear Thru to Fabric Backing	Worn But Not Thru	Pass
SECTION: <b>Flammability</b>	GMW3232	Specification	Results	Status
Initial, Component		100 mm / min	< B 25	Pass
SECTION: <b>Xenon Weatherometer*</b>	GMW14162	Specification	Results	Status
Not Applicable		No Degradation, Stiffening, Bleaching or Objectionable Color	Not Applicable	NA
SECTION: <b>Odor*</b>	GMW3205	Specification	Results	Status
Wet Condition, Coding A - 24 hrs @ 70°C, Deionized Water		6 Min Rating	9 Just Noticeable	Pass
Dry Condition, Coding B - 24 hrs @ 70°C			9 Just Noticeable	Pass
High Temp Condition - 24 hrs @ 105°C			9 Just Noticeable	Pass
SECTION: <b>VOC*</b>	GMW15634	Specification	Results	Status
Per GMW 16853		6 mg	Not Tested	NA
SECTION: <b>Gravimetric Fogging</b>	GMW3235 Method B - HAAKE	Specification	Results	Status
Initial, Component		2 mg	0.958	Pass

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: 5-15-2013 Page 1 of 1