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TEST REPORT

PRODUCT: FT 1903 SUPPORT: **5 MIL UHMWPE** ANSI National Ac 250 Chester Street SUBSTRATE: ABS Painesville, Ohio 44077 STD CERT NO .: 250217 - 0919 866-GO-AVERY (866-462-8379) Phone: Fax: 888-358-4469 GMW 16879 TYPE I CYCLE M email: psa.tape@averydennison.com OEM Rev Date: May 18 Performance Requirements of Ultra High Molecular Weight Polyethylene (UHMWPE) Tape URI · tapes.averydennison.com Type I material is UHMWPE film coated with a permanent acrylic PSA Initial **TAPE REQUIREMENTS: Table 1 Performance Requirements PROPERTIES: Liner Removal** ISO 8510-2 **Specification** Results **Status** Liner Removal, Initial @ RT 200 N/m 0.5 PROPERTIES: **Peel Adhesion** ISO 8510-2 Status **Specification** Results Peel Adhesion, Aged, 72 hrs @ RT 350 N/m 908.9 Peel Adhesion, Humidity, 24 hrs @ 38°C / 95% RH 350 N/m 792.9 Peel Adhesion, Aged, 168 hrs @ 70°C 350 N/m 637.5 Cycles 2X, GMW 14124 Cycle M 350 N/m 683.9 23 hrs @ 40°C / 95% RH 1 hr @ RT 24 hrs @ 85°C 1 hr @ RT 4 hrs @ -30°C 1 hr @ RT PROPERTIES: **Dynamic Shear** GMW3010* **Specification Results** Mode **Status** SP Dynamic Shear, Aged, 72 hrs @ RT 200 kPa 371.3 **PROPERTIES: Tear Resistance** ISO 34-1, Method B* **Specification** Mode Status Results

Tear Resistance, Initial, Room Temp 3.9 TEAR 2 kg Pass **PROPERTIES: Tensile Strength** GMW3010* **Specification** Mode Status **Results** Tensile Strength, Initial, Maximum Force 15 MPa min 38.8 TEAR Pass Tensile Strength, After 168 hr aging @ 70°C TEAR 8 MPa max 38.5 Pass **PROPERTIES:** Elongation GMW3010* Specification Results Status 150 % min 603.1 Elongation, Initial, @ Maximum Force Pass 50 % min Elongation, After 168 hr aging @ 70°C 599.1 Pass **Coefficient of Kinetic PROPERTIES:** ISO 8295 Specification Results Status Friction* Initial ≤ 0.25 N/m Not Tested Not Tested **PROPERTIES:** Fogging GMW3235, Method A **Specification** Results Status Fogging, 6 hrs @ 85°C, 38°C Cooling, 16 hrs @ RT 60 Units 100.0 Pass GMW3232* PROPERTIES: Flammability **Specification Results** Status < B 25 Flammability, Initial, Component < 100 mm / minPass

CERTIFIED BY:

David Nichols II, 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: 2-17-2025 Page 1 of 1



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