	VERY ENNISON
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TEST REPORT

PRODUCT:	HPA 1905
SUPPORT:	2 MIL PET
SUBSTRATE:	PAINTED METAL
STD CERT NO .:	230109 - 1048



GM 9985281

OEM Rev Date: Aug 03 Performance Requirements for Adhesive, Transfer Film Table 1: Material Properties as Received Table 2: Material Properties 90 Day Aged High Temperature

TAPE REQUIREMENTS: Peel Adhesion

SECTION:	ASTM D3330	Specification	<u>Results</u>	<u>Status</u>
Table 1, Initial, 15 mins @ RT		535 N/m	547.0	Pass
Table 2, 90 Day Aged @ 35°C, PET Support		420 N/m	627.0	Pass

SECTION: Holding Power	ASTM D3654	Specification	<u>Results</u>	<u>Status</u>
Table 1, High Temp, 1000g @ 23°C, PET Support		> 3000 mins	> 4,000	Pass
Table 2, 90 Day Aged @ 35°C, 1000g @ 23°C, PET Sup	port	> 3000 mins	> 3,500	Pass

Passing high temperature requirements passes low temperature 25 minute holding power as well

SECTION: Liner Removal
Table 1, Initial, Room TempASTM D3330Specification
< 45 N / m</th>Results
22.2Status
PassTable 2, 90 Day Aged @ 35°C< 45 N / m</td>17.5Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1

<u>1-1-25</u>

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: 3-15-2014 Page 1 of 1