

TEST REPORT	PRODUCT:	654T❶
Ford ESA-M11P19-A; 2013-12-12	TEST SUBSTRATE:	Stainless Steel, 20% Talc-Filled Polypropylene (TFPP), & ABS
DOCUMENT TITLE: ADHESION REQUIREMENTS, POLYURETHANE FOAM TO ESA-M11P19-A POLYPROPYLENE - PRESSURE SENSITIVE FILM	REPORT DATE:	06/26/23

3.0 STANDARD REQUIREMENTS FOR PRODUCTION MATERIALS

3.1 PEEL STRENGTH, PLASTIC MEMBRANE TO PANEL (ASTM D 903)

	<u>Requirement</u>	<u>Stainless Steel Results</u>	<u>Polypropylene Results</u>	<u>ABS Results</u>
3.1.1 AS RECEIVED	0.44 N/mm	0.68 N/mm	0.71 N/mm	0.98 N/mm
3.1.2 HEAT AGED	0.44 N/mm	1.57 N/mm	0.85 N/mm	1.65 N/mm
3.1.3 HUMIDITY AGED	0.44 N/mm	1.67 N/mm	0.74 N/mm	1.70 N/mm

3.2 PEEL STRENGTH, FOAM TO PLASTIC MEMBRANE

3.2.1 AS RECEIVED	No Delamination	NOT TESTED FOAM RUBBER REQUIRED
-------------------	-----------------	------------------------------------

3.3 BOND SEPARATION

None	NOT TESTED PRODUCTION PART REQUIRED
------	--

3.4 QUALITY

Release film shall readily be removed from pressure sensitive adhesive so as not to interfere with normal production processing.

Readily Removable	Readily Removable
-------------------	-------------------

❶ Product tested with exposed-side backed with 1-mil PET film

APPROVED:

Original Test Date: 6/18/18

Berry Global Technical Service Department

Conditioning and Testing per Ford ESA-M11P19-A except as noted

1852 Old Country Rd Riverhead, NY 11901
631-727-6000 • www.berryglobal.com