

<b>TEST REPORT</b>	<b>PRODUCT:</b>	<b>4148M ①</b>
FORD WSS-M99P48-A3 JUL 2016 ➤ INTERIOR, AT OR ABOVE BELTLINE	<b>TEST SUBSTRATE:</b>	20% Talc-Filled Polypropylene [TFPP], ABS & TPO
DOCUMENT TITLE: FOAM PERFORMANCE, PRESSURE SENSITIVE ADHESIVE TAPE WSS-M99P48-A3 (INTERIOR, EXTERIOR, CLIMATE CONTROL AND UNDERHOOD)	<b>REPORT DATE:</b>	06/26/23

PARAGRAPH SUBSTRATE	REQ	RESULTS		
		TFPP	ABS	TPO◆
3.2 DURABILITY REQUIREMENTS AND CHARACTERIZATION OF PRODUCTION MATERIALS				
3.2.8 Original	0.48 N/mm Minimum	1.01 N/mm	1.72 N/mm	0.78 N/mm
ASTM D1000, SECTION 46-53 EXCEPT REPLACE THE STEEL PANELS WITH THE INTENDED SUBSTRATE, 180 DEGREE PEEL				
3.2.8.1 After Heat Aging Change	-25% Max	1.48 N/mm	1.40 N/mm	0.65 N/mm
At or Above Beltline [168 hours, 100 +/- 2 °C]				
3.2.8.2 After Environmental Cycling Change	-25% Max	1.32 N/mm	1.09 N/mm ▲	1.02 N/mm
10 cycles, each cycle shall consist of the following:				
• 4 h at 100 +/- 2 °C				
• 4 h at 38 +/- 2 °C and 95-100% R.H.				
• 16 h at -40 +/- 2 °C				

◆ Solvay Sequel 1402

① Adhesive tested with 1-mil PET film applied to exposed-side of adhesive

▲ Decrease in peel adhesion after conditioning is greater than 25% Maximum stated. Results in RED do not meet requirement

APPROVED:

Original Test Date: 12/07/20  
Berry Global Technical Service Department

Conditioning and Testing per FORD WSS-M99P48-A3

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