

TEST REPORT	PRODUCT: 653 ❶
FCA PF-10770 – Change A, 2015-02-05	TEST SUBSTRATE: ABS & 20%TFPP
DOCUMENT TITLE: Adhesion Performance Requirements for Adhesive Backed Foam	REPORT DATE: 06/26/23

PARAGRAPH	REQUIREMENT <u>N/cm</u>	RESULTS	
		<u>ABS</u>	<u>20%TFPP</u>
2.0 ENVIRONMENTAL REQUIREMENTS TABLE 1: STAINING AND HEAT RESISTANCE			
STAINING, 250H FADEOMETER	NO MIGRATORY STAINING	Not Tested ❷	Not Tested ❷
HEAT RESISTANCE, 8H 93°C	NO BOND MOVEMENT OR LOSS OF BOND	No Bond Movement or Loss of Bond	No Bond Movement or Loss of Bond
3.0 PHYSICAL, ELECTRICAL, AND MECHANICAL REQUIREMENTS TABLE 2: FLEXIBLE COMPOSITES			
180° PEEL ADHESION, N/cm Width [LP-463TB-3-01]			
INITIAL, AFTER 2 HOURS AT ROOM TEMPERATURE	0.9 N/cm	8.4 N/cm	4.7 N/cm
AFTER AGING, 168 HOURS AT 79°C, AND AT ROOM TEMPERATURE	3.3 N/cm	15.4 N/cm	9.4 N/cm
AFTER AGING, 8 HOURS AT 93°C, AND AT ROOM TEMPERATURE	3.3 N/cm	15.2 N/cm	11.4 N/cm
AFTER TOTAL IMMERSION IN WATER FOR 24 HOURS AND AT ROOM TEMPERATURE	3.3 N/cm	9.9 N/cm	5.7 N/cm
ENVIRONMENTAL CYCLE – AFTER 5 CYCLES AND AT ROOM TEMP. ❸ ♦	3.3 N/cm	19.0 N/cm	8.2 N/cm

❶ Adchem product backed exposed-side with 1 mil PET film.

❷ Requires substrate of design intent

❸ EXCEPTION: 1 cycle = 24h 79°C, 24h humidity per ASTM 1735, 24h -29°C EXCEPTION is specifically to Humidity portion of cycle where samples were conditioned at 38°C and 95% RH standard Humidity.

♦ Results for this test are Non-Accredited Data due to Exception as stated

APPROVED:

Original Test Date:10/7/20

Berry Global Technical Service Department

Conditioning and Testing per FCA PF-10770 – Change A [2015-02-05] except as noted