



3018 Eastpoint Parkway, Louisville, Kentucky 40223

Date: 9/14/2022 Test Report: 2208Ps15-X

Client: R&R Lotion

15547 North 77th Street Scottsdale, Arizona 85260

Sample(s) Received: 8/19/2022

Sample Description (provided by client):

R&R Lotion Inc., I.C. Ivy Block Pre Contact Formula tested on Mfg. Miliken, Style MPG S000105572, 7.5 oz/yd² 254 g/m² Twill, 88% Cotton 12% Nylon, Navy, Arcwear# 2208Ps15-X

Ingredient List for I.C. Ivy Block Pre Contact Formula, Active Ingredient: Zinc Acetate 0.1%; Inactive Ingredients: Di Water, Cyclopentasiloxane (and) Quaternium- 90 Bentonite (and) Trifluoromethyl C1-4 Alkyl Dimethicone (and) Propylene Carbonate, Bentonite, Dimenthicone, Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7, Glycerin, Magnesium Aluminum Silicate, Phenoxyethanol (and) Ethylhexlglycerin, PVP, Aloe Barbadensis Leaf Juice, Disodium EDTA, Hamamelis Virginiana (Witch Hazel) Water (and) Phenoxyethanol, Citric Acid

Testing Date: 9/12/2022

Procedure: Testing was completed in accordance with the method identified below at ArcWear in

Louisville, Kentucky.

Test Method:

ASTM D6413/D6413M-15

Standard Test Method for Flame Resistance of Textiles (Vertical Test)

Signed for the Company by:

Susan Dabbain

Lab Assistant

ArcWear

Any Test Method Modification noted on this Test Report may affect the test results.

When information is noted as having been supplied by the client, this information may affect the validity of reported results.

This test report shall not be reproduced except in full, without written approval of ArcWear. Test results relate only to the item submitted for testing.

Test results of the sample(s) provided by the client apply only to the sample as received.

If verdicts are presented above, they are based upon a direct comparison of the measured value at the time of testing, to a published or customer supplied tolerance for the specification listed. Results determined by ArcWear do not include measurement uncertainty in making the determinations of conformity to the applicable specification, unless specifically requested. It is the responsibility of the report recipient to determine if the pass / fail tolerances meet the requirements of the intended end use.

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ArcWear Number:	2208Ps15->	2208Ps15-X								
Client:	R&R Lotion	R&R Lotion								
Product Description:	Style MPG S Navy, Arcwood	R&R Lotion Inc., I.C. Ivy Block Pre Contact Formula tested on Mfg. Miliken, Style MPG S000105572, 7.5 oz/yd² 254 g/m² Twill, 88% Cotton 12% Nylon, Navy, Arcwear# 2208Ps15-X Ingredient List for I.C. Ivy Block Pre Contact Formula, Active Ingredient: Zinc Acetate 0.1%; Inactive Ingredients: Di Water, Cyclopentasiloxane (and) Quaternium- 90 Bentonite (and) Trifluoromethyl C1-4 Alkyl Dimethicone (and) Propylene Carbonate, Bentonite, Dimenthicone, Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7, Glycerin, Magnesium Aluminum Silicate, Phenoxyethanol (and) Ethylhexlglycerin, PVP, Aloe Barbadensis Leaf Juice, Disodium EDTA, Hamamelis Virginiana (Witch Hazel) Water (and) Phenoxyethanol, Citric Acid								
	 ASTM D3776/D	3776M-09 (2013	3)							
		lass per Unit A		C)						
Preconditioning:		None								
Conditioning:		In accordance with ASTM D1776								
Slevages Included:		No								
Fabric Mass (oz/yd²):		8.67								
Fabric Mass (g/m²):		293.97								
	ASTM D641	3/D6413M-15								
Standard Test Meth	od for Flame R	Resistance of Te	xtiles (Verti	ical Test)						
Modifications:		Afterglow time is not recorded.								
Preconditioning:	1 gram of	1 gram of I.C. Ivy Block applied to each fabric specimens and tested within 5- 10 minutes of application.								
	Length	Direction								
Specimens	1	2	3	4	5	Average				
Afterflame Time (sec)	0.6	0.6	0.6	0.4	0.4	0.5				
Char Length (mm)	3	3	6	3	3	4				
Melting?	No	No	No	No	No	None				
Dripping?	No	No	No	No	No	None				
Melting and Dripping?	No	No	No	No	No	None				
	Width [Direction								
Specimens	1	2	3	4	5	Average				
Afterflame Time (sec)	0.4	0.2	0.4	0.2	0.4	0.3				
Char Length (mm)	3	3	3	3	3	3				
Melting?	No	No	No	No	No	None				
Dripping?	No	No	No	No	No	None				
Melting and Dripping?	No	No	No	No	No	None				



ArcWear Number:	2208Ps15-X	2208Ps15-X									
Client:	R&R Lotion	R&R Lotion									
Product Description:	MPG S00010	R&R Lotion Inc., Control Fabric WITHOUT I.C. Ivy Block , Mfg. Miliken, Style MPG S000105572, 7.5 oz/yd² 254 g/m² Twill, 88% Cotton 12% Nylon, Navy, Arcwear# 2208Ps15-X									
	ASTM D3776/D3										
	st Method for Ma	ass per Unit A		•							
Preconditioning:		None									
Conditioning:		In accordance with ASTM D1776									
Slevages Included:		No No									
Fabric Mass (oz/yd²):		8.67									
Fabric Mass (g/m²):		293.97									
	ASTM D6413										
Standard Test Meth	od for Flame Re		•								
Modifications:		Afterglow time is not recorded.									
Preconditioning:		None									
	Length D	irection									
Specimens	1	2	3	4	5	Average					
Afterflame Time (sec)	0.6	0.4	0.2	0.4	0.4	0.4					
Char Length (mm)	36	63	57	60	54	54					
Melting?	No	No	No	No	No	None					
Dripping?	No	No	No	No	No	None					
Melting and Dripping?	No	No	No	No	No	None					
	Width D	irection	•								
Specimens	1	2	3	4	5	Average					
Afterflame Time (sec)	0.2	0.2	0.4	0.2	0.6	0.3					
Char Length (mm)	48	54	54	69	69	59					
Melting?	No	No	No	No	No	None					
Dripping?	No	No	No	No	No	None					
				1							