



Date: 7/28/2020 Test Report: 2007X18  
 Client: R&R Lotion  
 15547 North 77th Street  
 Scottsdale, Arizona 85260  
 Sample(s) Received: 6/25/2020  
 Sample Description (provided by client): R&R Lotion Inc., Insect Repellent Spray- Part Number BRS tested on Mfg. Miliken, Style MPG S000105572, 7.5 oz/yd<sup>2</sup> 254 g/m<sup>2</sup> Twill, 88% Cotton 12% Nylon, Navy, AAD 8.4 oz/yd<sup>2</sup> 285 g/m<sup>2</sup>, Arcwear# 2007X18  
 Testing Date: 7/24/2020  
 Procedure: Testing was completed in accordance with the method identified below at ArcWear in Louisville, Kentucky.

ASTM D3776/D3776M-09a (2017)						
Standard Test Method for Mass per Unit Area Fabric Weight-Option C Small Swatch						
Preconditioning:	Laundered 3 times and dried once, by ArcWear, in accordance with AATCC Test Method 135-18, Procedure 3, IV, Aiii					
Conditioning:	In accordance with ASTM D1776					
Slevages Included:	No					
Fabric Mass (oz/yd <sup>2</sup> ):	8.70					
Fabric Mass (g/m <sup>2</sup> ):	295					
ASTM D6413/D6413M-15						
Standard Test Method for Flame Resistance of Textiles (Vertical Test)						
<b>Preconditioning:</b>	Sprayed with R&R Insect Repellent Spray- Part Number BRS. Product applied with 3 sprays in a sweeping motion to fabric face and tested within 5-10 minutes of application. Laundered 3 times and dried once, by ArcWear, in accordance with AATCC Test Method 135-18, Procedure 3, IV, Aiii					
Length Direction						
	1	2	3	4	5	<b>AVG Length</b>
Afterflame Time (sec)	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
Afterglow Time (sec)	1.0	1.0	0.8	0.8	1.2	<b>1.0</b>
Char Length (mm)	48.0	45.0	45.0	36.0	51.0	<b>45.0</b>
Melting?	no	no	no	no	no	<b>None</b>
Dripping?	no	no	no	no	no	
Width Direction						
	1	2	3	4	5	<b>AVG Width</b>
Afterflame Time (sec)	0.0	0.0	0.0	0.4	0.4	<b>0.2</b>
Afterglow Time (sec)	0.8	1.0	1.2	1.2	1.2	<b>1.1</b>
Char Length (mm)	45.0	66.0	39.0	84.0	81.0	<b>63.0</b>
Melting?	no	no	no	no	no	<b>None</b>
Dripping?	no	no	no	no	no	

Signed for the Company by:

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.  
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 Test results of the sample(s) provided by the client apply only to the sample as received.  
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 Product Information: Insect Repellent Spray- Part Number BRS

