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**TYPE "A" CIRCULAR-KNITTED SOCK™ and DRAIN-SLEEVE® GEOTEXTILES**

**PERFORMANCE DATA GUIDE**

REVISION 010 Effective January 2020  
Supersedes Data Sheet REVISION 009 January 2018

		Test Method	TYPE "A" "White" or "Black" SOCK™ and DRAIN-SLEEVE® Geotextile Fabrics
<i>TESTED IN ACCORDANCE WITH ASTM D6707 "Standard Specification for Circular-Knit Geotextile for use in Subsurface Drainage Applications"</i>			
Permittivity	(min.)	ASTM D4491	4.5 sec <sup>-1</sup>
Puncture Resistance	(min.)	ASTM D6241	1000 N
AOS	(max.)	ASTM D4751	.600 mm 30 U.S.Sieve
<b>ADDITIONAL INFORMATION</b>			
FOS	(max.)	CAN/CGSB-148.1, M10-94)	450 microns
Mass	(relaxed)	ASTM D3887	2.8 - 3.9 oz/yd <sup>2</sup> 95 - 135 gm/m <sup>2</sup>
Mass	(applied minimum)		2.6 - 3.5 oz/yd <sup>2</sup> 90 - 120 gm/m <sup>2</sup>
Thickness	(min.)	ASTM D4491	.75mm
Permeability (K)	(min.)	ASTM D4491	.390 cm / sec
Burst Strength	(min.)	ASTM D3786	760 kpa
Water Flow Rate	(min.)	ASTM D4491 (2" constant head)	300 U.S.gal/min/ft. <sup>2</sup>
Fiber Content			polyester 100%
Yarn Denier			150
Specific Gravity			1.3
Melt Temperature			450 <sup>0</sup> F (230 <sup>0</sup> C)

**NOTES:**

- 1) Carriff Engineered Fabrics Corporation (CEFC) and its subsidiaries support the use of ASTM D6707 "Standard Specification for Circular-Knit Geotextile for use in Subsurface Drainage Applications" protocol when evaluation of their fabrics are undertaken. The reporting of additional fabric properties are provided for the benefit of the specifiers and users of these products.
- 2) Values reported are based on independent laboratory evaluation and are considered to be true and accurate.
- 3) The manufacturer certifies that all values provided are indicative of the fabrics properties at the time of manufacture and shipment to the original purchaser only. This certification is not transferable. Any required certifications of compliance to a specific characteristic are the responsibility of the final seller of the fabric.
- 4) Product SKU's containing the suffix "C" are certified as being manufactured in Midland, North Carolina, U.S.A. by Carriff Corporation. Product SKU's not containing the suffix "C" are manufactured in London, Ontario, Canada by Zodiac Fabrics Company. Both firms are wholly owned subsidiaries of Carriff Engineered Fabrics Corporation.
- 5) The information provided on this data sheet is provided by Carriff Engineered Fabrics Corporation (CEFC) at no cost and without liability on the part of CEFC or its subsidiaries, Zodiac Fabrics Company and Carriff Corporation (the Manufacturers). The individual using this information assumes full responsibility for its application and agrees to contact the manufacturers to ensure that this Data Sheet is the most recent version available. Furthermore, CEFC and its subsidiaries, offer no guarantee as to the use, installation or suitability of the products described in this document. Since conditions surrounding the use and handling of these products can vary and are beyond the control of the manufacturer, they can in no way be held responsible for the performance of the products, nor consequences arising from their improper installation or use. The manufacturer must be informed of any product defect or deficiency found, prior to the products use or installation. The liability of CEFC and its subsidiaries is limited to the refund of or replacement of the deficient or defective product.