



ZODIAC FABRICS COMPANY, 688 Sovereign Road, London, Ontario, Canada N5V 4K7 www.zodiacfabrics.com

## KNITTED SOCK™ GEOTEXTILE PERFORMANCE DATA

May-15

			For Tubing Diameters 40mm - 60mm	For Tubing Diameters 50mm - 65mm	For Tubing Diameters 70mm - 85mm	For Tubing Diameters 90mm - 110mm	For Tubing Diameters 115mm - 130mm	For Tubing Diameters 140mm - 160mm
			<b>FL-04544E</b>	<b>FL-04371E</b>	<b>FL-04541E</b>	<b>FL-04175E</b>	<b>FL-04237E</b>	<b>FL-04185E</b>
Characteristic Opening Size O <sub>90</sub> (maximum)	ISO 12956-2010	Microns	300	300	300	300	450	450
Apparent Opening Size	ASTM D4751-12M	mm	0.425	0.300	0.300	0.450	0.600	0.600
Bursting Strength (minimum)	ASTM D3786	kPa	800	800	800	800	800	800
Permeability	ASTM D4491-99a	(E-01 cm/s)	2.8	2.4	3.2	3.0	5.7	6.3
Permittivity	ASTM D4491-99a	s <sup>-1</sup>	4.2	3.8	4.1	3.8	6.3	6.9
Water Flow Rate (51mm hydraulic head) (minimum)	ASTM D4491-99a	USG/min./ft <sup>2</sup>	270	270	270	270	270	270
		Litres/min./m <sup>2</sup>	11000	11000	11000	11000	11000	11000
Puncture Resistance (minimum)	ASTM D6241-04	N	1000	1000	1000	1000	1000	1000
Fabric Thickness (minimum)	ASTM D4491-99a	mm	0.600	0.600	0.600	0.600	0.600	0.600
UV Resistance	Unprotected outdoor exposure (sunlight) for periods exceeding 45 days are not recommended by the manufacturer							
Chemical Resistance	Generally good, however contact with strong acids and Oxidizers should be avoided							
Melt Temperature	250° C							
Fabric Colour			Black	Black	Black	Black	Black	Black
Material			100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester
Yarn Denier (Nominal)			150	150	150	150	150	150
Country of Origin			Canada	Canada	Canada	Canada	Canada	Canada

**Note**

The values shown above are based on the results of an independent 3rd party evaluation. The values reported are considered by the manufacturer to be true and accurate at the point in time at which

**Limited Warranty**

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