



## AmTec Woven Filter Fabric Series

AmTec Woven Filter Fabric Series is a Woven Geo Textiles Fabric, manufactured and supplied by Shri Ambica Polymer Pvt. Ltd. and will meet the following values when tested in accordance with the ASTM test methods listed below, unless otherwise stated.

SAPPL
RD-0860-QCD-06
REV NO: -00

PROPERTIES (Test Methods)	Units (English)	MINIMUM AVERAGE ROLL VALUE <sup>2</sup> (MD CMD)	
		FF 104W	FF 111W
<b>MECHANICAL</b>			
Grab Tensile Strength (ASTM D4632)	Lbf	370   250	365   200
Grab Elongation (ASTM D4632)	%	15   15	15   15
Trapezoidal Tear Strength (ASTM D4533)	Lbf	100   60	115   75
Static Puncture Strength (ASTM D6241)	Lbf	950	675
<b>ENDURANCE</b>			
UV Stability @ 300HR (ASTM D4355)	%	90	90
<b>HYDRAULIC</b>			
Permittivity (ASTM D4491)	s-1	0.28	2.1
Water Flow Rate (ASTM D4491)	gal/min/ft <sup>2</sup>	18	145
Opening Size O95 (A.O.S.) (ASTM D4751)	U.S. Sieve	70	40
<b>ROLL DIMENSIONS</b>			
Width	ft	12	12.5
Length	ft	300	300



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PROPERTIES (Test Methods)	Units (Metric)	MINIMUM AVERAGE ROLL VALUE <sup>2</sup> (MD CMD)	
		FF 104W	FF 111W
<b>MECHANICAL</b>			
Grab Tensile Strength (ASTM D4632)	N	1646   1112	1624   890
Grab Elongation (ASTM D4632)	%	15   15	15   15
Trapezoidal Tear Strength (ASTM D4533)	N	445   267	512   334
Static Puncture Strength (ASTM D6241)	N	4226	3003
<b>ENDURANCE</b>			
UV Stability @ 300HR (ASTM D4355)	%	90	90
<b>HYDRAULIC</b>			
Permittivity (ASTM D4491)	s <sup>-1</sup>	0.28	2.1
Water Flow Rate (ASTM D4491)	l/m <sup>2</sup> .s	12	98
Opening Size O95 (A.O.S.) (ASTM D4751)	mm	0.212	0.425
<b>ROLL DIMENSIONS</b>			
Width	Meter	1.82 / 3.65	3.65

- Note :
- As a part of continual improvement process Shri Ambica Polymer Pvt. Ltd reserves the right to change the properties listed on this data sheet without prior notice.
  - This data sheet supersedes any other previous issued data sheet.
  - Values shown are in the weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.
  - These figures related to standard products weights and roll sizes. Other weights, sizes and colors may be available on request.
  - Damage caused due to improper handling or storage will not be covered under any warranty.

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