



## ■ FBX™-80 and FBX™-100 Filter Bags

Carthage Mills' FBX-80 (standard Filter Bag) and FBX-100 Filter Bags are manufactured of multipurpose nonwoven geotextiles of polypropylene staple fibers which are formed into a random network, needle-punched and heatset for dimensional stability. Carthage Mills' FBX™ Filter Bags are inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

**Note:** Carthage Mills' FBX™ Filter Bags can be made from a wide variety of geotextiles and in custom sizes depending on the quantity and type of sediment being pumped, and other site-specific or Engineering specification needs.

PROPERTY	METHOD	UNIT	FBX™-80	FBX™-100
<input type="checkbox"/> <b>Mechanical</b>				
Grab Tensile Strength	ASTM D 4632	lbs	205	250
Grab Tensile Elongation		%	50%	50%
Trapezoidal Tear	ASTM D 4533	lbs	80	100
CBR Puncture	ASTM D 6241		500	700
<input type="checkbox"/> <b>Endurance</b>				
UV Resistance	ASTM D 4355	%	70% @ 500 hrs	70% @ 500 hrs
<input type="checkbox"/> <b>Hydraulics / Filtration</b>				
Permittivity	ASTM D 4491	sec <sup>-1</sup>	1.4	0.80
Water Flow Rate		gal/min/ft <sup>2</sup>	95	75
Apparent Opening Size	ASTM D 4751	US Std. Sieve	80	100
<input type="checkbox"/> <b>Physical / Packaging</b>				
Mass Per Unit Area (Typical)	ASTM D 5261	oz/yd <sup>2</sup>	8.0	10.0
Standard Sizes / Packaging (Custom Sizes available upon request)	Measured (Typical)	ft  (qty)	FBX Filter Bags are available in a variety of sizes from 5'x5' to 15'x30' (15'x30' has a weight of 75 lbs) with custom sizes by request; call for more information.	

- Unless otherwise stated, all values stated here are Typical Values.
- The properties reported above are effective 01-01-24 and subject to change without notice.

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