



US 230C

Woven Filtration

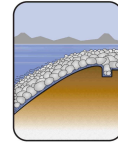
EROSION CONTROL



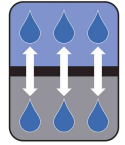
BULKHEAD



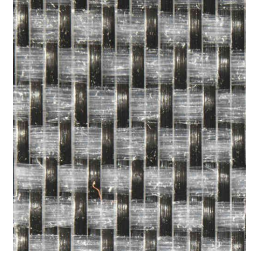
RIP-RAP



FILTRATION



US 230C is a woven filtration geotextile made of 100% high-tenacity polypropylene yarns. It is a "combination" product made of monofilament yarns in the machine direction and fibrillated yarns in the cross direction. US 230C resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 230C meets the following M.A.R.V. values



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	ASTM D-4632	320 x 320 lbs	1,424 x 1,424 N
Elongation @ Break	ASTM D-4632	15 %	15 %
Wide Width Tensile Strength	ASTM D-4595	2,700 x 2,800 lbs/ft	39.4 x 40.86 kN/m
Wide Width Tensile Strength @ 2 % Strain	ASTM D-4595	500 x 800 lbs/ft	7.3 x 11.68 kN/m
Wide Width Tensile Strength @ 5 % Strain	ASTM D-4595	1,100 x 1,700 lbs/ft	16.05 x 24.81 kN/m
CBR Puncture	ASTM D-6241	1,400 lbs	6,230 N
Trapezoidal Tear	ASTM D-4533	125 lbs	556 N
Apparent Opening Size ^(1,2)	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.7 Sec ⁻¹	0.7 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	50 g/min/f ²	2,035 L/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	90 %	90 %

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

⁽³⁾ Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

US 230C Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	13"	15'	275 lbs	500 y ²	120

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