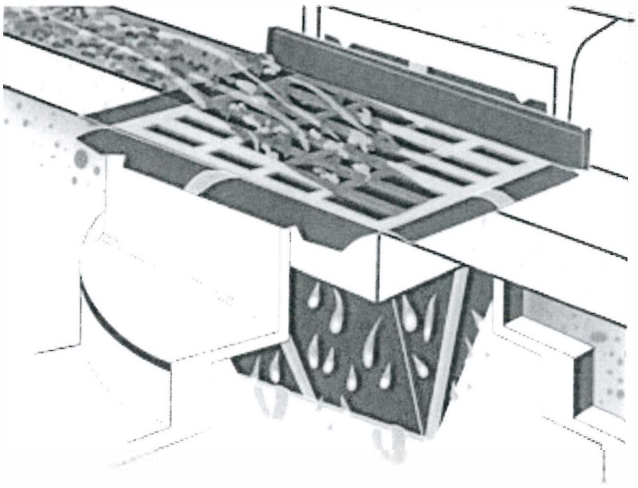
FENCING & EROSION CONTROL



Inlet Pro® Sediment Bags

Inlet Pro® Sediment Bags are an important part of standard Best Management Practices (BMPs) that should always be implemented to reduce surface water pollution from construction stormwater runoff. They are specifically designed to help retain the sediment and debris that can become dislodged and suspended in flows during rain events; utilizing this form of inlet protection can reduce the potential impacts of sedimentation.

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PROPERTY	TEST METHOD	STANDARD FLOW ENGLISH	STANDARD FLOW METRIC	HIGH FLOW ENGLISH	HIGH FLOW METRIC
Geotextile [1]					
Tensile Strength	ASTM D4632	**315 x 315** lbs	**1.4 x 1.4** kN	**365 x 200** lbs	**1.624 x 0.890** kN
Tensile Elongation	ASTM D4632	**15 x 15** %	**15 x 15** %	**24 x 15** %	**24 x 15** %
Wide Width Tensile [2]	ASTM D4595	**2400 x 2400** lbs/ft	**35 x 35** kN/m	**2400 x 1680** lbs/ft	**35 x 24.52** kN/m
CBR Puncture	ASTM D6241	**1400** lbs	**6.230** kN	**750** lbs	**3.336** kN
Trapezoid Tear	ASTM D4533	**125 x 125** lbs	**0.556 x 0.556** kN	**115 x 75** lbs	**0.512 x 0.334** kN
UV Resistance	ASTM D4355	**90** % @ 500 hrs	**90** % @ 500 hrs	**90** % @ 500 hrs	**90** % @ 500 hrs
Mullen Burst	ASTM D3786	**800** psi	**5516** kPa	**450** psi	**3102** kPa
Puncture	ASTM D4833	**120** lbs	**0.534** kN	lbs	kN
AOS	ASTM D4751	**40** US Std. Sieve	**0.425** mm	**40** US Std. Sieve	**0.425** mm
Permittivity	ASTM D4491	**0.7** sec^{-1}	**0.7** sec^{-1}	**2.1** sec^{-1}	**2.1** sec^{-1}
Water Flow Rate	ASTM D4491	**50** gpm/ft^2	**2037** Lpm/m^2	**145** gpm/ft^2	**5907** Lpm/m^2
Webbing					
Break Strength	Measured	**3200** lbs	**14.249** kN	**3200** lbs	**14.249** kN
Elongation at Break	Measured	**≤ 15** %	**≤ 15** %	**≤ 15** %	**≤ 15** %
Width	Measured	**1.0** in	**25.4** mm	**1.0** in	**25.4** mm

1 pH range 3 to 12, only chemicals, acids or alkali common to soil
2 Ultimate strength values, Tult