



ULTRATECH
INTERNATIONAL, INC.

Ultra-Grate Guard®

MATERIAL SPECIFICATIONS

Minimum Average Exterior Fabric Values

Material Specifications		
Properties	ASTM Test	Value
Material: Woven, Polypropylene Geotextile		
Grab Tensile (lbs)	D 4632	365 x 200
Grab Elongation (%)	D 4632	24 x 10
Trapezoid Tear (lbs)	D 4533	115 x 75
Puncture (lbs)	D 4833	90
Mullen Burst (psi)	D 3786	450
Permittivity (sec ⁻¹)	D 4491	2.1
Permeability (cm/sec)	D 4491	0.14
Percent Open Area (POA) ² (%)	COE 22125-86	10
A.O.S. (U.S. sieve no.) / microns	D 4751	40 / 425
UV Stability (strength retained %) 500 hrs	D 4355	90
Flow (through material gpm/ft ²)	D 4491	145

Updated: 09.26.18