



**ULTRATECH**  
INTERNATIONAL, INC.

## Ultra-Grate Guard® Material Specifications

Physical Properties	Unit	Standard	Test Result
Grab Tensile	lbs	ASTM D 4632	400 x 275
Grab Elongation	%	ASTM D 4632	40 x 22
CBR Puncture	lbs	ASTM D 6241	654
Trapezoid Tear Strength	lbs	ASTM D 4533	165 x 140
UV Resistance 500 hours	%	ASTM D 4355	90
AOS	US Sieve	ASTM D 4751	30
Flow Rate	GPM / FT	ASTM D 4491	250
Permittivity	Sec -1	ASTM D 4491	0.25
% Open Area (POA)	%	COE 22125-86	28
Mullen Burst Strength	PSI	ASTM D 3786	600
Puncture Strength	lbs	ASTM D 4833	130

