



TECHNICAL DATA SHEET

USGA DRAINAGE GRAVEL

Physical Properties Recommended by USGA

Physical Property

Composition
 Soundness Loss (MgSO4)
 Washed
 Uniformity Coefficient

Recommended Range
 No soft limestones/sandstones/shale
 <12%
 Yes
 >=3

Gravel Values
 Natural Quartz
 0.6
 Yes
 2.1

Particle Size Distribution

Sieve Size	Particle Diameter
1/2"	12.5 mm
3/8"	9.5 mm
1/4"	6.3 mm
#4 mesh	4.75 mm
#10 mesh	2.00 mm
#18 mesh	1.00 mm

Recommended Range
 100%<12 mm

 90%>2 mm
 95%>1 mm

Gravel Values
 (% Passing)
 100.0
 99.4
 61.5
 18.5
 0.8
 0.6



APPLICATION

For use in new putting green construction and renovation.
 A minimum of 1" is recommended in drainage trenches under drainage pipes.
 A minimum of 4" is recommended between the entire subgrade and rootzone mix.
 For use in all sports field drainage applications and bunker drainage construction and renovation.

For more information on Luck Stone Corporation and our products, please visit www.luckstone.com.

These products are mixes of natural materials, so results can vary.