

## RIP RAP - Size and Grading Requirements

Rock Size		Class, Size Number (NCSA)							
millimeters	inches	R-8	R-7	R-6	R-5	R-4	R-3	R-2	R-1
1070	42	100							
760	30		100						
610	24	15 - 50		100					
460	18		15 - 50		100				
380	15	0 - 15							
300	12		0 - 15	15 - 50		100			
230	9				15 - 50				
150	6			0 - 15		15 - 50	100		
100	4				0 - 15				
75	3					0 - 15	15 - 50	100	
50	2						0 - 15		
37.5	1.5							15 - 50	100
25	1							0 - 15	
19	0.75								15 - 50
2.5	0.1								0 - 15

Gabions	Height	Min. Size	Max. Size	(Section 626.2.a.1)
	less than 1 foot	3 inches	5 inches	
	1 foot and over	4 inches	8 inches	