

# Aggregate Gradation Chart

## Percent Passing Range

MM	US	MD	MD	ASTM	ASTM	ASTM	ASTM	ASTM	ASTM	ASTM	MD	MD	MD	MD	MD	ASTM	ASTM
SIEVE	SIEVE	#1	#2	#4	#5	#57	#67	#7	#8	#9	#10	CR-1	GAB	CR-6	CR-8	C-33	C-144
SIZE	SIZE															WCS	WMS
100	4"	100															
90	3 1/2"	90-100															
75	3"											100					
63	2 1/2"	25-60	100														
50	2"		90-100	100									100	100			
37.5	1 1/2"	0-15	35-70	90-100	100	100						45-75	95-100	90-100			
25	1"		0-15	20-55	90-100	95-100	100								100		
19	3/4"	0-5		0-15	20-55		90-100	100					70-92				
12.5	1/2"		0-5		0-10	25-60		90-100	100								
9.5	3/8"			0-5	0-5		20-55	40-70	85-100	100	100		50-70			100	
4.75	#4					0-10	0-10	0-15	10-30	85-100	85-100	15-45	35-55	30-60	30-60	95-100	100
2.36	#8					0-5	0-5	0-5	0-10	10-40						80-100	95-100
2.0	#10														20-50		
1.18	#16								0-5	0-10						50-85	70-100
0.85	#20																
0.60	#30												12-25			25-60	40-75
0.425	#40																
0.30	#50									0-5						10-30	10-35
0.15	#100										10-30					2-10	2-15
0.075	#200											0-10	0-8	0-12	0-12		

**Rip Rap Sizes:**

- Gabion Stone ----- 4" - 7" (Nominal size range)
- Class 1 Rip Rap ----- 5" - 15" (Heavier than 150 lb-0%, Heavier than 40 lb-50%, Less than 2 lb, 10% Max)
- Class 2 Rip Rap ----- 12" - 24" (Heavier than 700 lb-0%, Heavier than 200 lb-50%, Less than 20 lb, 10% Max)
- Class 3 Rip Rap ----- 18" - 36" (Heavier than 2000 lb-0%, Heavier than 600 lb-50%, Less than 40 lb, 10% Max)
- Imbricated & Custom Sized Rip Rap -- Please call for more information.

\* This gradation chart is for general reference only.  
 \* The percent range represents the percent passing for each sieve size.  
 \* For specific material requirements or questions about your project needs, please contact customer service at 1-888-766-4242.

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