

PENNSYLVANIA

COMMON RIP-RAP SPECIFICATIONS IN PA

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TOTAL PERCENT PASSING

Spec/ Name	Size Range	Average Size	General Uses	42"	30"	24"	18"	15"	12"	9"	6"	4"	3"	2"
R-8	15 – 42"	28"	Abutments	100		15-50		0-15						
R-7	12 – 30"	20"	Streambanks		100		15-50		0-15					
R-6	9 – 24"	14"	Streambanks			100		15-50		0-15				
R-5	4 – 18"	11"	Streambanks/Ditches				100			15-50		0-15		
R-4	3 – 12"	7"	Ditches						100		15-50		0-15	
R-3	2 – 6"	3.5"	Road subbase								100		15-50	0-15
Surge	10" – fine	Varies	Subbase/Fill											
Gabion	4 – 8"	Varies	Baskets/Ditches											
Shot Rock	Varies	24"	Abutments											

Surge, Gabion, and Shot Rock are relatively loose terms with broader size ranges and no exact specification.