

Sieve Size	1 1" SDDOT Base Course	2 3/4" SDDOT Grave Cushion	3 3/4" SDDOT Gravel Surfacing	4 3/4" Crushed Gravel	5 1" Crushed Gravel	5.5 Minus 1" Crushed Concrete/Asphalt Recycle	6 Recycled Asphalt	7 Salt Sand (Bedding Sand)	8 Pea Rock	9 3/4" x # 4 Drainage Rock (3/4" Asphalt Add Rock)	10 1/2" x # 4 Drainage Rock (1/2" Asphalt Add Rock)	11 Engineered Fill (Asphalt Fines)	12 Crusher Fines	13 Pea Rock
	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing
3"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2.5"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1.5"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
3/4"	95%	100%	100%	100%	92%	96%	99%	100%	100%	99%	99%	100%	100%	100%
1/2"	83%	90%	92%	92%	80%	86%	93%	100%	100%	58%	58%	100%	100%	100%
3/8"	76%	79%	87%	87%	75%	81%	86%	100%	100%	34%	34%	99%	100%	100%
#4	62%	64%	73%	73%	65%	63%	63%	100%	48%	6%	6%	86%	98%	63%
#8	50%	47%	61%	61%	50%	50%	47%	85%	10%	1%	1%	65%	77%	4%
#16	39%	34%	50%	50%	38%	37%	30%	59%	4%	1%	1%	48%	52%	4%
#30	28%	23%	36%	36%	25%	24%		32%	1%	0.8%	0.8%	29%	36%	4%
#40	22%	17%	29%	29%	18%	19%	15%	19%	1%	0.7%	0.7%	21%	31%	3%
#50	17%	17%	22%	22%	13%	14%		9%	1%	0.7%	0.7%	14%	27%	3%
#80	13%	10%	15%	15%	9%	10%		2%	1%	0.6%	0.6%	8%	21%	1%
#100	12%	9%	14%	14%	8%	9%		1%	1%	0.6%	0.6%	8%	20%	1%
#200	11%	7%	12%	12%	7%	7%	5%	0.2%	0.2%	0.5%	0.5%	6%	16%	0.1%
% #4 Crushed	34%	34%	30%	30%	28%	94%	35%	NA	NA	86+%	96%	0%	100%	NA
PI	4	NA	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Sieve Size	14 Over Size Rock	14.5 1 1/2" x 3/8" Natural Rock (some Clay Balls)	15 Washed Sand	16 Concrete Sand	17 Pea Rock	18 Class A Concrete Rock Rip Rap (Quartzite)	19 Class A Concrete Rock Rip Rap (Quartzite)	20 Railroad Ballast	21 3/4" x #4 Quartz	22 1/2" x #4 Quartzite Rock	23 3/4" Dwn Quartzite	24 3/8" Dwn Quartzite	25 Manufactured Sand, Quartzite
	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing	% Passing
3"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2.5"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1.5"	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1"	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
3/4"	78%	99%	100%	100%	100%	100%	100%	100%	100%	99%	100%	100%	100%
1/2"	39%	58%	100%	100%	100%	100%	100%	57%	100%	82%	100%	100%	100%
3/8"	10%	34%	100%	100%	99%	100%	100%	25%	100%	70%	100%	100%	100%
#4	1%	6%	100%	100%	60%	100%	100%	2%	100%	48%	100%	100%	86%
#8	1%	1%	94%	96%	17%	100%	100%	1%	100%	34%	100%	100%	64%
#16	1%	1%	62%	71%	%	100%	100%	1%	100%	26%	100%	100%	46%
#30	1%	0.8%	34%	39%		100%	100%	0.2%	100%	20.0%	100%	100%	35.0%
#40	1%	0.7%	22%	21%	0.3%	100%	100%		100%	18.0%	100%	100%	30.0%
#50	1%	0.7%	12%	11%		100%	100%		100%	15.0%	100%	100%	30.0%
#80	1%	0.6%	8%	8%		100%	100%		100%	12.0%	100%	100%	25.0%
#100	1%	0.6%	2%	2%	0.2%	100%	100%		100%	10.0%	100%	100%	16.0%
#200	1%	0.5%	0.2%	40.0%	0.1%	100%	100%		100%	6.3%	100%	100%	0.1%
% #4 Crushed	0%	96%	NA	NA	NA	NA	NA		100%	100%	100%	100%	100%
PI	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA