

# GROUTS & SEALANTS APPLICATION MATRIX

## PRODUCT APPLICATION QUANTITIES

HOLE DIAMETER (INCHES)	CUBIC FEET PER LINEAR FEET	1/2" CETCO TABLETS LBS/FT	3/8" CETCO TABLETS LBS/FT	1/4" CETCO TABLETS LBS/FT	PUREGOLD MEDIUM & CETCO COARSE CHIPS LBS/FT	CETCO CRUMBLES LBS/FT	PUREGOLD GROUT LBS/FT	20% SOLIDS GROUT (1)
2	0.02	1.52	1.59	1.61	1.37	1.30	0.45	0.31
4	0.09	6.84	7.15	7.26	6.15	5.85	2.05	1.25
5	0.14	10.64	11.12	11.30	9.56	9.10	3.18	1.95
6	0.20	15.20	15.88	16.14	13.66	13.00	4.55	2.81
7	0.27	20.52	21.44	21.79	18.44	17.55	6.14	3.82
8	0.35	26.60	27.80	28.25	23.90	22.75	7.96	4.99
9	0.44	33.44	34.94	35.52	30.04	28.60	10.00	6.31
10	0.55	41.79	43.68	44.40	37.55	35.75	12.50	7.79
12	0.79	60.03	62.74	63.77	53.94	51.35	17.96	11.22
14	1.07	81.31	84.98	86.37	73.06	69.55	24.32	15.28
16	1.40	106.39	111.19	113.01	95.59	91.00	31.82	19.95
18	1.77	134.50	140.57	142.87	120.86	115.08	40.23	25.25
20	2.18	165.66	173.14	175.97	148.85	141.70	49.55	31.18
24	3.14	238.61	249.38	253.46	214.40	204.10	71.37	44.89
30	4.91	373.11	389.95	396.34	335.25	319.15	111.60	70.15
36	7.07	537.25	561.50	570.69	482.74	459.55	160.70	101.01
Density Lbs/Ft <sup>3</sup>		75.99	79.42	80.72	68.28	65.00	75.55	70.32

(1) Includes CETCO GROUT & CETCO GRANULAR GROUT.

Note: All application rates assume true borehole size. Adjustments should be made for irregular borings and formation loss.

GALLONS PER LINEAR FOOT	HOLE DIAMETER (INCHES)	CASING DIAMETER (INCHES)											
		2	4	5	6	8	10	12	14	16	20	24	30
0.16	2												
0.65	4	0.07	0.00										
1.02	5	0.11	0.05	0.00									
1.47	6	0.17	0.11	0.06	0.00								
2.00	7	0.25	0.18	0.13	0.07								
2.61	8	0.33	0.26	0.21	0.15	0.00							
3.30	9	0.42	0.35	0.31	0.25	0.09							
4.08	10	0.52	0.46	0.41	0.35	0.20	0.00						
5.87	12	0.76	0.70	0.65	0.59	0.44	0.24	0.00					
8.00	14	1.05	0.98	0.93	0.87	0.72	0.52	0.28	0.00				
10.44	16	1.37	1.31	1.26	1.20	1.05	0.85	0.61	0.33	0.00			
13.22	18	1.75	1.68	1.63	1.57	1.42	1.22	0.98	0.70	0.37			
16.32	20	2.16	2.09	2.05	1.99	1.83	1.64	1.40	1.11	0.79	0.00		
23.49	24	3.12	3.05	3.00	2.95	2.79	2.60	2.36	2.07	1.75	0.96	0.00	
36.73	30	4.89	4.82	4.77	4.71	4.56	4.36	4.12	3.84	3.51	2.73	1.77	0.00
52.88	36	7.05	6.98	6.94	6.87	6.72	6.52	6.28	6.00	5.67	4.89	3.93	2.16
		79.42	80.72	68.28	65.00	75.55							
<b>VOLUME OF ANNULUS</b> (Cubic Feet/Linear Feet)													

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