

Terre Hill Precast Product List Dimensions

Manhole

	Weight			Volume	
	piece base	piece flanged base	per VF riser	piece flattop	per VF
PA COMMERCIAL					
36"	1057		518		53
48"	1849	2692	875	1849	94
60"	3181	4330	1296	2842	147
72"	4530	5883	1798	4047	211
96"	8825	11490	3093	8825	376
120"	16017	19910	4236	16017	587
144"	23091	28891	6126	23091	846
PENNDOT and PENNSYLVANIA TURNPIKE					
48"	2070	3013	875	1849	94
60"	3181	4330	1296	2842	147
72"	4530	5883	1798	4047	211
NEW JERSEY					
36"	1057		518		53
48"	1849	2692	875	1849	94
60"	3181	4330	1296	2842	147
72"	4530	5883	1798	4047	211
96"	8825	11490	3093	8825	376
120"	16017	19910	4236	16017	587
144"	23091	28891	6126	23091	846
MARYLAND					
36"	1057		518		53
48"	1849	2692	875	1849	94
60"	3181	4330	1296	2842	147
72"	4530	5883	1798	4047	211
96"	8825	11490	3093	8825	376
120"	16017	19910	4236	16017	587
144"	23091	28891	6126	23091	846

INLETS/CATCH BASINS

	Weight			Thickness	
	piece base	per vf walls	piece lid	barrier support slab 20" x 57" x 10"	feet base walls
PA COMMERCIAL					

(ID) inches

22 x 48	1422	1025	1422	0.67	0.50
24 x 24	675	750	905	0.50	0.50
24 x 30	788	825	1055	0.50	0.50
24 x 34	862	875	1155	0.50	0.50
24 x 36	900	900	1206	0.50	0.50
24 x 45	1240	1013	1432	0.58	0.50
24 x 72	1827	1350	2111	0.58	0.50
30 x 46	1268	1100	1699	0.50	0.50
30 x 48	1523	1125	1759	0.58	0.50
30 x 60	1575	1275	2111	0.50	0.50
30 x 120	2888	2025	3869	0.50	0.50
31 x 31	961	924	961	0.50	0.50
31 x 33	1007	950	1007	0.50	0.50
31 x 41	1187	1050	1187	0.50	0.50
31 x 66	1745	1362	2339	0.50	0.50
36 x 36	1200	1050	1608	0.50	0.50
36 x 42	1575	1576	2111	0.50	0.67
41 x 66	2155	1488	2887	0.50	0.50
42 x 48	1958	1275	2261	0.58	0.50
42 x 102	4296	1950	4296	0.67	0.50
45 x 80	3165	1712	3657	0.58	0.50
48 x 48	2175	1350	2513	0.58	0.50
48 x 48	2866	1877	2866	0.67	0.67
48 x 54	2393	1425	2764	0.58	0.50
48 x 66	2828	1575	3266	0.58	0.50
48 x 72	2625	1650	3518	0.50	0.50
48 x 96	3375	1950	4523	0.50	0.50
54 x 72	3869	1725	3869	0.67	0.50
60 x 60	3132	1650	3618	0.58	0.50
72 x 72	4925	1950	4925	0.67	0.50

PENNDOT

standard	25 x 45 (<19')	1240	1013	1432	0.58	0.50
	25 x 45 (19'-30')	1479	1425	1709	0.58	0.67
type 4	42 x 48 (<16')	1958	1275	2801	0.58	0.50
	42 x 48 (16'-29')	2249	1777	3218	0.58	0.67
	48 x 48 (<16')	2175	1350	3113	0.58	0.50
	48 x 48 (16'-29')	2481	1877	3550	0.58	0.67
type 5	48 x 54 (<10')	2393	1425	4125	0.58	0.50
	48 x 54 (>10'-18'11")	2713	1978	4678	0.58	0.67
	60 x 60 (<10')	3132	1650	5400	0.58	0.50
	60 x 60 (>10'-18'11")	3497	2279	6029	0.58	0.67
type 6	24 x 72 (<12')	2464	1877	3677	0.67	0.67
	24 x 72 (>12'-19'11")	2758	1877	3677	0.75	0.67
	48 x 66 (<11')	3671	2179	5479	0.67	0.67
	48 x 66 (>11'-17'11")	4109	2179	5479	0.75	0.67

	72 x 72 (<12')	5414	2681	8081		0.67	0.67
	72 x 72 (>12'-19'11")	6061	2681	8081		0.75	0.67
type 7	45 x 80 (<10')	4092	2362	7146	988	0.67	0.67
	45 x 80 (>10'-18'11")	4581	2362	7146	988	0.75	0.67

PENNSYLVANIA TURNPIKE

standard	24 x 45 (<19')	1240	1013	1432		0.58	0.50
	24 x 45 (>19'-30')	1479	1425	1709		0.58	0.67
	48 x 54 (<10')	2393	1425	4125		0.58	0.50
	48 x 54 (>10'-18'11")	2713	1978	4678		0.58	0.67
type 4	42 x 48 (<16')	1958	1275	2801		0.58	0.50
	42 x 48 (>16'-29')	2249	1777	3218		0.58	0.67
	48 x 48 (<16')	2175	1350	3113		0.58	0.50
	48 x 48 (>16'-29')	2481	1877	3550		0.58	0.67
type 5	60 x 60 (<10')	3132	1650	5400		0.58	0.50
	60 x 60 (>10'-18'11")	3497	2279	6029		0.58	0.67
type 6	24 x 72 (<12')	2464	1877	3677		0.67	0.67
	24 x 72 (>12'-19'11")	2758	1877	3677		0.75	0.67
	48 x 66 (<11')	3671	2179	5479		0.67	0.67
	48 x 66 (>11'-17'11")	4109	2179	5479		0.75	0.67
	72 x 72 (<12')	5414	2681	8081		0.67	0.67
	72 x 72 (>12'-19'11")	6061	2681	8081		0.75	0.67
type 7	45 x 80 (<11')	4092	2362	7146	988	0.67	0.67
	45 x 80 (>11'-17'11")	4581	2362	7146	988	0.75	0.67

MARYLAND

	24 x 24	675	750	905		0.50	0.50
	30 x 46	1268	1100	1699		0.50	0.50
	30 x 48	1313	1125	1759		0.50	0.50
	30 x 60	1575	1275	1416		0.50	0.50
	30 x 120	2888	2025	2665		0.50	0.50
	31 x 31	961	924	1288		0.50	0.50
	31 x 33	1007	950	1349		0.50	0.50
	31 x 41	1187	1050	1590		0.50	0.50
	31 x 66	1745	1362	2339		0.50	0.50
	36 x 42	1575	1576	2111		0.50	0.67
	41 x 66	2155	1488	2887		0.50	0.50
	48 x 48	1875	1350	2513		0.50	0.50

NEW JERSEY

type A	22 x 48	1422	1025	1762		0.67	0.50
	30 x 48	1759	1125	2179		0.67	0.50
type B, C, E	42 x 48	2261	1275	2801		0.67	0.50
Double B	42 x 102	4296	1950	5322		0.67	0.50
	48 x 54	2764	1425	3424		0.67	0.50
	48 x 66	3266	1575	4046		0.67	0.50
	60 x 60	3618	1650	4482		0.67	0.50

72 x 72	4925	1950	6101	0.67	0,5
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DELAWARE

24 x 36	900	900	1206	0.50	0.50
48 x 48	2175	1350	2513	0.58	0.50
48 x 48	2866	1877	2866	0.67	0.67
72 x 72	4925	1950	4925	0.67	0.50

MARYLAND STATE HIGHWAY ADMINISTRATION

MD 354.01 Type C Endwall

Pipe Size (inches)	12	15	18	21	24	27
Weight (pounds)	2553	3222	3976	4771	6529	7617

Thickness

feet

base	riser	flattop
0.67	0.33	
0.67	0.42	0.67
0.75	0.50	0.67
0.75	0.58	0.67
0.83	0.75	0.83
1.00	0.83	1.00
1.00	1.00	1.00

0.75	0.42	0.67
0.75	0.50	0.67
0.75	0.58	0.67

0.67	0.33	
0.67	0.42	0.67
0.75	0.50	0.67
0.75	0.58	0.67
0.83	0.75	0.83
1.00	0.83	1.00
1.00	1.00	1.00

0.67	0.33	
0.67	0.42	0.67
0.75	0.50	0.67
0.75	0.58	0.67
0.83	0.750	0.83
1.00	0.830	1.00
1.00	1.000	1.00

lid barrier
support
slab
20" x 57"
x 10"

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30	33	36	42	48	54	60	72
9291	10379	17410	21218	25487	31890	36912	47895