



# Product Price List 2024



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# **Reinforced Concrete Pipe Dimensions**

Inside Diameter (mm)	Outside Diameter (mm)	Wall Thickness (mm)	Lay Length (metres)	Mass/Piece (kg)	Truckload Lots (pcs)
300	445	70	2 .44	550	65
375	533	76	2 .44	746	50
450	622	83	2 .44	930	40
525	711	89	2 .44	1104	32
600	800	95	2 .44	1349	26
675	889	102	2 .44	1627	22
750	978	108	2 .44	1844	19
825	1067	114	2 .44	2151	17
900	1156	121	2 .44	2480	15
975	1245	127	2 .44	2818	12
1050	1334	133	2 .44	3100	11
1200	1511	146	2 .44	3856	9
1350	1689	159	2 .44	4728	8
1500	1828	152	2 .44	4964	6
1650	2045	184	2 .44	6101	5
1800	2185	178	2 .44	6949	4
1950	2362	190	2 .44	8390	4
2100	2540	203	2 .44	9562	4
2250	2717	215	2 .44	10726	3
2400	2895	228	2 .44	12214	2
2550	3073	241	2 .44	13776	2
2700	3251	254	2 .44	15139	2
3000	3606	279	2 .44	18786	1



# **Reinforced Concrete Pipe**

#### Price/Metre

		1 1100/1110110		
Inside Diameter (mm)	50-D	65-D	100-D	140-D
300	\$142.40	\$142.40	\$142.40	\$142.40
375	175.60	175.60	175.60	175.60
450	181.00	181.00	181.00	226.30
525	197.30	197.30	230.60	272.20
600	265.60	265.60	305.30	358.90
675	407.20	407.20	463.70	543.00
750	536.60	536.60	613.40	716.90
825	622.40	622.40	791.50	832.00
900	746.80	746.80	854.30	997.50
975	819.40	862.60	981.40	1,148.80
1050	938.40	985.40	1,128.30	1,314.50
1200	1,176.10	1,235.40	1,413.40	1,646.70
1350	1,512.50	1,588.00	1,816.50	2,115.60
1500	1,850.00	1,941.50	2,219.70	2,589.40
1650	2,215.20	2,327.70	2,660.40	3,101.60
1800	2,677.00	2,814.30	3,213.00	3,749.30
1950	3,104.40	3,263.30	3,724.60	4,347.70
2100	3,562.20	3,736.70	4,273.50	4,984.20
2250	4,048.20	4,252.60	4,859.00	5,669.20
2400	4,738.60	4,971.10	5,682.10	6,629.60
2550	5,336.90	5,598.80	6,401.10	7,469.10
2700	5,922.80	6,218.40	7,107.50	8,292.40
3000	7,253.00	7,619.20	8,707.80	10,158.50

#### Notes:

- 1. Prices include a pre-lubricated rubber gasket .
- 2. Jacking Pipe  $\;$  Add 10% to the above price per metre for 120mm diameter and larger .
  - Contact our estimating department for a premium on smaller tunneling pipe
- 3. For SPECIAL DESIGN PIPE, please contact our engineering department .



# **Tees (90°) and Wyes (45°)**

#### Main Pipe Size (mm)

			' ' '			
Branch Size (mm)	300-525	600-825	900-1200	1350-1800	1950-2400	2550-3000
100	\$231.20	\$243.00	\$309.90	\$420.40	\$503.50	\$582.90
125	254.10	266.00	340.30	460.60	552.70	638.90
150	279.80	294.30	374.60	508.40	608.80	705.10
200	373.30	392.00	500.10	677.70	812.80	939.80
250	418.10	438.50	559.40	758.80	909.90	1,052.60
300	569.10	805.90	1,045.60	1,481.60	1,917.60	2,614.00
375	688.50	921.60	1,241.10	1,738.60	2,287.60	2,814.20
450	841.60	1,041.80	1,365.00	1,862.30	2,411.80	2,937.50
525	909.00	1,074.40	1,398.90	1,896.40	2,445.00	2,971.40
600		1,344.20	1,676.00	2,173.90	2,722.00	3,248.90
675		1,913.40	2,170.50	2,668.70	3,217.40	3,743.90
750		2,471.40	2,694.50	3,192.00	3,740.90	4,266.80
825		2,826.80	3,015.40	3,513.70	4,062.90	4,588.80
900			3,506.90	4,004.90	4,553.30	5,078.90
975			3,992.80	4,450.00	4,999.30	5,525.40
1050			4,534.90	4,946.60	5,495.00	6,021.10
1200			5,596.10	5,939.00	6,488.80	7,014.30
1350				7,405.80	7,912.30	8,534.80
1500				8,944.00	9,447.90	10,000.40

To calculate the price of a TEE or WYE branch, multiply the price per metre of the main pipe by it's length and add the corresponding price for the required branch as listed above.

#### NOTES:

- 1. Special angle branches can be manufactured upon request.
- 2. Maintenance hole TEES are calculated the same as pipe TEES.
- 3. Scribed holes Up to 1350mm \$167.90, 1500mm and over \$348.60 each.
- 4. Branches 375mm and larger are for concrete pipe only.
- 5. Branches 300mm and smaller are for concrete or smooth wall PVC pipe.
- 6. Maximum branch size for 45 degree wye is 1050mm

## **Reducers and Increasers**

#### PRICE PER PIECE

- 1) 300 to 3000mm reinforced pipe REDUCER or INCREASER
- multiply the PRICE per metre of the larger pipe x 6.5



# **Concrete Plugs and Caps**

Inside Diameter (mm)	Plug Mass	Cap Mass	Price
300	26	122	\$142.40
375	39	167	175.60
450	53	221	226.30
525	69	270	272.20
600	86	325	358.90
675	106	384	543.00
750	130	472	716.90
825	154	527	832.00
900	180	618	997.50
975	565	720	1,148.80
1050	989	765	1,314.50
1200	1266	986	1,646.70
1350	1572	1239	2,115.60
1500	1908	1440	2,589.40
1650	2284	1676	3,101.60
1800	2702	1983	3,749.30
1950	3097	2192	4,347.70
2100	3585	2531	4,984.20
2250	4109	2894	5,669.20
2400	4667	3279	6,629.60
2550	5262	3690	7,469.10
2700	5893	4127	8,292.40
3000	7095	5892	10,158.50

<sup>1.</sup> Prices include a pre-lubricated rubber gasket.



# **Reinforced Concrete Pipe Bends**

Price/Piece

Inside Diameter (mm)	50-D	65-D	100-D	140-D	Max Angle (Degrees)
300	\$766.90	\$766.90	\$766.90	\$766.90	90°
375	949.80	949.80	949.80	949.80	90°
450	978.50	978.50	978.50	1,222.60	90°
525	1,065.90	1,065.90	1,246.10	1,467.60	90°
600	1,354.70	1,354.70	1,555.70	1,830.40	90°
675	2,036.30	2,036.30	2,318.70	2,714.80	90°
750	2,684.10	2,684.10	3,068.70	3,585.10	90°
825	3,112.20	3,112.20	3,957.80	4,160.10	90°
900	3,731.10	3,731.10	4,268.90	4,982.70	90°
975	4,097.00	4,314.50	4,908.40	5,740.70	90°
1050	4,691.10	4,927.70	5,641.00	6,572.00	90°
1200	5,878.20	6,176.10	7,066.50	8,235.20	90°
1350	7,564.60	7,939.00	9,082.60	10,578.30	90°
1500	9,248.00	9,705.00	11,097.80	12,947.40	84°
1650	11,077.50	11,638.00	13,300.40	15,503.10	75°
1800	13,383.60	14,069.60	16,065.70	18,745.50	70°
1950	15,523.20	16,313.80	18,621.20	21,738.20	65°
2100	17,810.50	18,683.30	21,365.70	24,917.90	62°
2250	20,242.60	21,260.10	24,293.60	28,346.80	60°
2400	23,691.70	24,855.80	28,408.80	33,147.70	56°
2550	26,683.70	27,993.40	32,004.30	37,345.70	53°
2700	29,614.70	31,090.70	35,538.00	41,460.20	50°
3000	36,264.60	38,094.00	43,539.10	50,791.20	45°

<sup>1.</sup> Prices include a pre-lubricated rubber gasket.



## **Reinforced Elliptical Concrete Pipe**

#### Price/Metre

Equivalent Diameter (mm)	Rise x Span (mm)	HE I	HE II	HE III	HE IV
900	730 x 1150	\$1,082.20	\$1,142.60	\$1,268.80	\$1,455.60
1050	855 x 1345	1,324.90	1,385.80	1,562.70	1,791.20
1200	975 x 1535	1,628.10	1,702.20	1,912.50	2,206.00
1350	1090 x 1730	2,043.20	2,151.00	2,412.20	2,776.00
1500	1220 x 1920	2,435.70	2,561.60	2,883.20	3,311.80
1650	1340 x 2110	2,888.00	3,037.10	3,405.50	3,923.40
1800	1465 x 2305	3,475.60	3,643.70	4,091.00	4,712.00

# **Reinforced Elliptical Concrete Pipe Dimensions**

Equivalent Diameter (mm)	Rise x Span (mm)	Lay Length (m)	Approximate Mass (kg/pc)	Wall Thickness (mm)
900	730 x 1150	2.44	2283	114
1050	855 x 1345	2.44	2928	127
1200	975 x 1535	2.44	3665	140
1350	1090 x 1730	2.44	4518	152
1500	1220 x 1920	2.44	5421	165
1650	1340 x 2110	2.44	6401	178
1800	1465 x 2305	2.44	7464	191

- 1. Prices include a joint sealant material.
- 2. Bends multiply the price per metre of the elliptical pipe X 5.0.
- 3. Reducers & Increasers multiply the price per metre of the larger elliptical pipe x 6.0.
- 4. Plugs & Caps multiply the price per metre of the HE IV elliptical pipe x 1.0.
- 5. Tee and Wye Junctions multiply the price per metre of the elliptical pipe x 2.44 and then add the corresponding pipe branch price from page 5 (for elliptical branch, use the equivalent diameter).
- 6. Maintenance Hole Tee Multiply the price per metre of the elliptical pipe x 2.44 and add \$6,698.60 for the 1200mm riser stub.
- 7. Manufactured to ASTM C507M."



## **Reinforced Concrete Box Culverts - OPSS 1821**

Span x Rise (mm)	Wall Thickness (mm)	Lay Length (mm)	Approximate Mass (kg/pc)	Design Earth Cover (m)	Price/Metre
1800 x 900	200	2.5	8449	0.6 to 5.5	\$3,060.20
1800 x 1200	200	2.5	9227	0.6 to 5.5	3,340.50
2400 x 1200	200	2.5	10787	0.6 to 3.6	4,262.20
2400 x 1500	200	2.5	11559	0.6 to 3.6	4,566.30
2400 x 1800	200	2.5	12347	0.6 to 3.6	4,871.30
3000 x 1500	250	2.5	16848	0.6 to 3.6	6,668.90
3000 x 1800	250	2.5	17809	0.6 to 3.6	7,050.90
3000 x 2100	250	2.5	18770	0.6 to 3.6	7,430.00
3000 x 2400	250	2.5	19731	0.6 to 3.6	7,808.00

## **Reinforced Concrete Box Culverts - Not in OPSS 1821**

Span x Rise (mm)	Wall Thickness (mm)	Lay Length (mm)	Approximate Mass (kg/pc)	Design Earth Cover (m)	Price/Metre
1800 x 900	200	2.5	8449	0.0 to 0.6 & 5.5 to 8.0	\$3,851.20
1800 x 1200	200	2.5	9227	0.0 to 0.6 & 5.5 to 8.0	4,189.60
2400 x 1200	200	2.5	10787	0.0 to 0.6 & 3.6 to 6.0	5,358.00
2400 x 1500	200	2.5	11559	0.0 to 0.6 & 3.6 to 5.0	5,785.30
2400 x 1800	200	2.5	12347	0.0 to 0.6 & 3.6 to 5.0	6,096.40
3000 x 1500	250	2.5	16848	0.0 to 0.6 & 3.6 to 5.0	8,201.40
3000 x 1800	250	2.5	17809	0.0 to 0.6 & 3.6 to 5.0	8,545.00
3000 x 2100	250	2.5	18770	0.0 to 0.6 & 3.6 to 5.0	8,990.70
3000 x 2400	250	2.5	19731	0.0 to 0.6 & 3.6 to 5.0	9,440.30

- 1. Box Lay Length 2.50m
- 2. Jointing Material add 5% to above price per metre.
- 3. Delivery Please allow 4-6 weeks from date of order for delivery.
- 4. Specials Please contact our Sales or Engineering Departments for prices of special design box units.
- 5. Tee & Wye Junctions (Box Culvert Branch) Multiply the price per metre of the main box unit by 6.0.
- 6. Tee & Wye Junctions (Pipe Branch) Multiply the price per metre of the main box unit by 2.5 and add the branch price from pg. 5 (elliptical branches use the equivalent diameter).
- 7. Bends & Elbows -5.0 x price per metre of box unit = Total price per piece of Bend or Elbow.
- 8. Reducers & Increasers 6.0 x price per metre of the larger box = Total price per piece of Reducers and Increasers.
- 9. Plugs & Caps Price per metre of box unit = Total price per piece of Plug or Cap
- 10. Radius Box Unit 1.15 x price per metre of straight box.
- 11 . Beveled or Skewed End -1 .2 x price per metre of straight box, and then multiply by length of beveled or skewed unit .
- 12 . Flush Ends \$1,195.60 per unit .
- 13 . 15M Dowels & Inserts \$106.90.
- 14. Scribed Holes \$348.60 each .
- 15 . Hole to Accept Maintenance Hole Riser \$1,992.60 (includes steps)
- 16 . Additional sizes available upon request . Please contact our Engineering Department .



## **Maintenance Hole Estimating Table**

1200mm Depth (m)

#### 1500mm Depth (m)

#### 1800mm Depth (m)

#### 2400mm Depth (m)

1200m	ım Depth	(m)
Grade t	o Invert	Precast
From	To	Total
0.86	1.00	\$2,524
1.01	1.15	2,705
1.16	1.30	2,886
1.31	1.46	3,067
1.47	1.61	3,248
1.62	1.76	3,428
1.77	1.91	3,608
1.92	2.07	3,789
2.08	2.22	3,970
2.23	2.32	4,150
2.33	2.47	3,767
2.48	2.62	3,948
2.63	2.78	4,128
2.79	2.93	4,308
2.94	3.08	4,489
3.09	3.23	4,670
3.24	3.39	4,850
3.40	3.54	5,031
3.55	3.69	5,212
3.70	3.84	5,393
3.85	4.00	5,574
4.01	4.15	5,755
4.16	4.30	5,935
4.31	4.45	6,115
4.46	4.61	6,296
4.62	4.76	6,479
4.77	4.91	6,660
4.92	5.00	6,841
5.01	5.06	9,063
5.07	5.22	9,243
5.23	5.37	9,424
5.38	5.52	9,605
5.53	5.67	9,786
5.68	5.82	9,967
5.83	5.98	10,148
5.99	6.13	10,328
6.14	6.28	10,509
6.29	6.44	10,690
6.45	6.59	10,871
6.60	6.74	11,052

10001111	n Deptin (	(•••)
Grade t	o Invert	Precast
From	То	Total
1.25	1.39	\$5,337
1.40	1.54	5,885
1.55	1.69	5,885
1.70	1.84	6,433
1.85	1.99	6,433
2.00	2.14	6,981
2.15	2.30	6,981
2.31	2.45	7,529
2.46	2.65	7,529
2.66	2.80	7,908
2.81	2.96	8,270
2.97	3.11	8,270
3.12	3.26	8,632
3.27	3.41	8,632
3.42	3.57	8,992
3.58	3.67	8,992
3.68	3.82	8,608
3.83	3.97	8,970
3.98	4.12	8,970
4.13	4.28	9,332
4.29	4.43	9,332
4.44	4.58	9,692
4.59	4.73	9,692
4.74	4.89	10,054
4.90	5.00	10,054
5.01	5.19	12,637
5.20	5.34	12,637
5.35	5.50	12,999
5.51	5.65	12,999
5.66	5.80	13,361
5.81	5.95	13,361
5.96	6.11	13,721
6.12	6.26	13,721
6.27	6.41	14,085
6.42	6.56	14,085
6.57	6.72	14,447
6.73	6.87	14,447
6.88	7.03	14,808

Grade t	o Invert	Precast
From	To	Total
1.82	1.97	\$8,877
1.98	2.12	9,656
2.13	2.27	9,656
2.28	2.42	10,435
2.43	2.58	10,435
2.59	2.63	10,583
2.64	2.78	10,583
2.79	2.93	10,945
2.94	3.08	10,945
3.09	3.24	11,306
3.25	3.39	11,306
3.40	3.54	11,667
3.55	3.64	11,667
3.65	3.79	11,283
3.80	3.95	11,645
3.96	4.10	11,645
4.11	4.25	12,006
4.26	4.40	12,006
4.41	4.56	12,367
4.57	4.71	12,367
4.72	4.86	12,728
4.87	5.00	12,728
5.01	5.17	15,312
5.18	5.32	15,312
5.33	5.47	15,674
5.48	5.63	15,674
5.64	5.78	16,035
5.79	5.93	16,035
5.94	6.08	16,396
6.09	6.24	16,396
6.25	6.39	16,760
6.40	6.54	16,760
6.55	6.69	17,122
6.70	6.85	17,122
6.86	7.00	17,483
7.01	7.15	17,483
7.16	7.30	17,845

Grade t	o Invert	Precast
From	To	Total
1.46	1.75	\$15,426
1.76	2.06	16,815
2.07	2.36	18,205
2.37	2.67	19,594
2.68	2.87	20,979
2.88	3.18	21,906
3.19	3.48	21,906
3.49	3.79	22,268
3.80	4.09	22,630
4.10	4.20	22,990
4.21	4.50	22,606
4.51	4.80	22,968
4.81	5.00	23,330
5.01	5.11	25,552
5.12	5.41	25,912
5.42	5.72	26,274
5.73	6.02	26,635
6.03	6.33	26,997
6.34	6.63	27,359
6.64	6.93	27,719
6.94	7.24	28,083
7.25	7.54	28,445
7.55	7.84	28,806
NOTES:		

- Depth represents the difference between finished grade and the lowest invert elevation.
- 2. Prices are rounded to the nearest dollar.
- The Estimating Table transitions to 1200mm dia. components as follows:
  a) 1200mm Flat Top to tapered top (cone section)
  - b) 1500mm After 1.80m of headroom c) 1800mm - After 1.80m of headroom d) 2400mm - After 2.40m of headroom
- 4. Prices are calculated based on the most common applications and will vary with site conditions.
- Prices include: standard precast concrete components c/w steps, pipe openings and joint gaskets. 1200mm Safety Landings are included at 5.0m and deeper.
- Prices do NOT include: castings, grade adjustment rings, flexible connectors, pre-benching, precast drops and other accessories



## **Maintenance Holes**

Code No.	Details	Height (m)	Mass(kg)	Price
1200m	m Ø Maintenance Hole (OPSD 701.010)	)		
2124000	Taper Top	1.32	1975	\$1,627.10
2123300	Flat Cap	0.30	742	927.10
2122030	Risers (Available in .30, .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m)		1340/m	1,185.70/m
2121091	Monolithic Base	0.91	1741	1,958.80
2120001	Base Slab	0.20	759	927.10
2120011	Benching			1,030.20
9091200	Safety Landing (OPSD 404.020)			2,221.60
1500m	nm Ø Maintenance Hole (OPSD 701.011	)		
2153450	Flat Cap	0.43	1879	\$1,847.20
2152030	Risers (Available in .30, .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m)		2007/m	1,797.10/m
2153454	Tapered Transition Section c/w steps	0.61	1633	1,847.20
2151183	Monolithic Base	1.83	4779	5,130.50
2150001	Base Slab	0.30	1786	1,847.20
2150010	Benching			1,438.40
9091500	Safety Landing (OPSD 404.020)			3,128.40
1800n	nm Ø Maintenance Hole (OPSD 701.012	2)		
2183380	Flat Cap	0.43	2704	\$2,491.00
2182030	Risers (Available in .30, .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m)		2845/m	2,555.50/m
2183384	Tapered Transition Section c/w steps	0.61	2570	2,491.00
2181213	Monolithic Base	2.13	7917	7,934.00
2180001	Base Slab	0.30	2540	2,491.00
9091800	Safety Landing (OPSD 404.020)			4,059.00
2400m	m Ø Maintenance Hole (OPSD 701.013)	)		
2243300	Flat Cap	0.43	4930	\$4,936.20
2242030	Risers (Available in .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m)		4866/m	4,555.70/m
2243304	Transition Slab	0.43	4265	4,936.20
2240001	Base Slab	0.30	4480	4,936.20
9092400	Safety Landing (OPSD 404.020)			6,347.60



## **Maintenance Holes**

Code No.	Details	Height (m)	Mass (kg)	Price
3000mr	n Ø Maintenance Hole (OPSD 701.014)			
2303300	Flat Cap	0.45	7945	\$8,312.8
2302030	Risers (Available in .61, .91, 1.22, 1.53, 1.83, 2.13 & 2.44m)		7400/m	7,127.10/r
2303305	Transition Slab only	0.45	7261	8,312.8
2300001	Base Slab	0.30	6944	8,312.8
9093000	Safety Landing		F	Price on Reque
3600mr	n Ø Maintenance Hole (OPSD 701.015)			
2363300	Flat Cap	0.45	10500	\$14,679.1
2362122	Risers (Available in .61, .91, 1.22, 1.53, 1.83, 2.13, 2.44m)		10808/m	15,532.40/ı
2363304	Transition Slab	0.45	11529	14,679.1
2360001	Base Slab	0.30	10140	14,679.1
9093600	Safety Landing		Pi	rice on Reques
2400mn	n x 1800mm Rectangular Maintenance H	oles and	<b>Utility S</b>	tructure
24183000	Flat Cap	0.31	4611	\$4,418.1
24182061	Risers (Available for .61 to 2.5m)		4821/m	5,017.40/г
24183100	Transition Slab	0.31	3940	4,418.1
24180001	Base Slab	0.25	3522	4,418.1
3000mn	n x 2400mm Rectangular Maintenance H	loles and	Utility S	Structure
30243000	Flat Cap	0.35	7827	\$7,794.0
30242061	Risers (Available for .61 to 2.5m)		7633/m	8,059.60/1
30243100	Transition Slab	0.35	7159	7,794.0
00010001	B 011		E0.40	

#### NOTES:

30240001

- 1. Price includes rubber gasket
- 2. Other Monolithic Base heights available. Please contact our sales or engineering department for pricing.
- 3. Prices on product manufactured to OPSD 700 series and OPSD 1000 series.
- 4. Standard steps conform to OPSD 405.010.

Base Slab

0.25

5848

7,794.00



# **Pipe To Maintenance Hole Flexible Connectors**

Concrete Pipe	Pvc Pipe	Core Hole Dia. (mm)	Price/Each
	150	300	\$326.50
150		300	326.50
	200	300	326.50
200		400	326.50
	250	400	426.50
250		400	426.50
	300	400	426.50
300		500	557.40
	375	500	557.40
375		610	670.10
	450	560	670.10
450		711	847.70
	525	660	847.70
525		813	1,000.90
	600	711	948.40
600		864	1,186.50



# **Catch Basins / Ditch Inlets / Specialty Products**

Code No.	Details	Mass (kg)	Price
Catch I	Basins / Ditch Inlets		
1201030	600mm x 600mm Catch Basin (115mm wall) (OPSD 705.010)	942/m	\$776.60/m
1221030	600mm x 600mm Catch Basin (150mm wall)	1267/m	1,049.60/m
1341030	600mm x 1450mm Twin Inlet (OPSD 705.020)	1567/m	1,506.90/m
1231030	600mm x 840mm Curb Inlet	1113/m	1,228.40/m
1301030	600mm x 600mm Ditch Inlet (OPSD 705.030)	1267/m	1,160.00/m
1341030	600mm x 1200mm Ditch Inlet (OPSD 705.040 A/B)	1830/m	1,800.80/m
9012099	Goss Trap (PVC)		1.084.30

#### NOTES

Minimum charge of 1 metre will apply to all box catch basins and ditch inlets. Price of Ditch Inlet includes one pair of Ditch Inlet fasteners

## **Ditch Inlet Grates**

9090010	762mm x 768mm Ditch Inlet Grate – Type A	\$924.00
9090020	768mm x 1338mm Ditch Inlet Grate – Type B	1,360.10
9090030	768mm x 1465mm Ditch Inlet Grate – Type C	1,493.30

## **Accessories**

99100	20mm Hollow Aluminum Maintenance Hole Step (OPSD 405.010)	\$42.00
99105	20mm Solid Aluminum Maintenance Hole Step (OPSD 405.020)	60.60
99112	Outside Rebar Steps (supplied and installed)	55.80
9012000	150mm high x 610mm x 610mm CB Frame & Grate (OPSD 400.020)	1,072.30
9020040	150mm high x 625mm MH Frame & Cover (OPSD 401.010A)	1,036.00
99901	4 ton Lifting device	641.70
99902	8 ton Lifting device	1,208.00
99993	Non Standard Openings	1,048.30

## **Sealants For Box Structures**

99010	Butyl Tape – 25mm x 25mm (Box Manhole Sealant)	\$361.10
99060	Mel-Rol Waterproofing Membrane (300mm wide x 18m roll)	347.20
99065	Mel-Prime Primer (3.78 liter container)	260.00



# **Headwalls and Wingwalls**

Code No.	Details	Mass (kg/pc)	Price/Piece
Headwalls (	Modified OPSD 804.030	0)	
6020300	Headwall for 300 dia. pipe	4127	\$4,954.60
6020375	Headwall for 375 dia. pipe	4037	4,954.60
6020450	Headwall for 450 dia. pipe	5467	6,022.10
6020525	Headwall for 525 dia. pipe	5311	6,022.10
6020600	Headwall for 600 dia. pipe	7157	7,690.30
6020675	Headwall for 675 dia. pipe	6994	7,690.30
6020750	Headwall for 750 dia. pipe	9051	9,392.20
6020825	Headwall for 825 dia. pipe	8874	9,392.20
6020900	Headwall for 900 dia. pipe	9669	11,110.10
Vingwalls (	Modified OPSD 804.040	0)	
6040675	Wingwall for 675 dia. Pipe	15088	\$24,170.80
6040750	Wingwall for 750 dia. Pipe	14988	24,170.80
6040825	Wingwall for 825 dia. Pipe	14886	24,170.80
6040900	Wingwall for 900 dia. Pipe	22279	27,072.90
6041050	Wingwall for 1050 dia. Pipe	22021	27,072.90
6041200	Wingwall for 1200 dia. Pipe	21730	27,072.90
6041350	Wingwall for 1350 dia. Pipe	27745	32,721.80
6041500	Wingwall for 1500 dia. Pipe	27363	32,721.80
6041800	Wingwall for 1800 dia. Pipe	26471	32,721.80
leadwall G	rates (OPSD 804.050)		
6010375	Headwall grate for 300 dia. pipe		\$1,217.80
6010375	Headwall grate for 375 dia. pipe		1,217.80
6010450	Headwall grate for 450 dia. pipe		1,340.10
6010525	Headwall grate for 525 dia. pipe		1,340.10
6010600	Headwall grate for 600 dia. pipe		1,439.20
6010675	Headwall grate for 675 dia. pipe		1,439.20
6010750	Headwall grate for 750 dia. pipe		1,705.70
6010825	Headwall grate for 825 dia. pipe		1,705.70
6010900	Headwall grate for 900 dia. pipe		1,740.40
6010975	Headwall grate for 975 dia. pipe		1,994.30
6011050	Headwall grate for 1050 dia. pipe		2,066.40
6011200	Headwall grate for 1200 dia. pipe		2,314.20
6011350	Headwall grate for 1350 dia. pipe		3,019.60
6011500	Headwall grate for 1500 dia. pipe		3,337.70
6011800	Headwall grate for 1800 dia. pipe		4,609.00

- 1. Precast alternatives to OPSD 804.020 are available, as as well as other sizes.
- $2. \ \ Specialty \ headwall \ grates \ are \ also \ available, \ please \ contact \ our \ sales \ department.$



# **Grade Adjustment Rings**

Code No.	Details	Height (mm)	Approximate Mass (kg/pc)	Price/Piece
710mm	Ø Maintenance Hole (OPSD	704.010)		
2125005	Adjuster 710mm Ø x 159mm wide	50	55	\$71.80
2125007	Adjuster 710mm Ø x 159mm wide	75	82	75.90
2125007S	Adjuster 710mm Ø x 159mm wide c/w step	75	83	112.10
2125015	Adjuster 710mm Ø x 159mm wide	150	164	264.10
2125030	Adjuster 710mm Ø x 159mm wide c/w step	300	325	338.10
600mm	X 600mm Square Catch Basi	in (OPSD	704.010)	
1205005	Adjuster 600mm x 600mm	50	35	\$68.00
1205007	Adjuster 600mm x 600mm	75	53	72.20
1205015	Adjuster 600mm x 600mm	150	105	241.60
Sealant	For Adjustment Rings			
99021	Roll of 1/4" dia. Butyl Tape (20' long)			\$25.60

# **Packaging Format For All Adjustment Rings**

Thickness (mm)	Thickness (inches)	Quantity/Bundle
50	2	12 pcs
75	3	8 pcs
100	4	6 pcs
150	6	4 pcs

#### Notes:

1. Grade adjustment rings available in bundles only



#### **Terms and Conditions**

#### 1. Definitions

- a. "Contract Documents" mean the Quotation together with the Order Acknowledgement Form, or a purchase order that is signed by the Seller, or a sub-contract or contract signed by the Seller.
- b. "Holiday" has the same meaning as set out in the Rules of Civil Procedure, R.R.O. 1990, Reg 194, as amended.
- c. "Order Acknowledgement Form" means the form provided by the Seller to the Purchaser acknowledging that the Seller has accepted the Purchaser's order based on the Seller's Ouotation.
- d. "Purchaser" means the person, corporation, partnership, organization, or entity purchasing the products and/or services from the Seller.
- e. "Price List" means the Seller's itemized standard product prices used to form part of the Quotation.
- f. "Quotation" means the Seller's quotation for products and/or services to be provided by the Seller to the Purchaser, which includes any Work.
- g. "Seller" means M-Con Pipe and Products Inc.
- h. "Terms" means these Terms & Conditions of Sale.
- i. "Work" means any engineering, manufacture, and delivery of the products and/or services by the Seller, and/or any other work to be performed by the Seller or products and/or services to be delivered by the Seller, as set out in the Quotation.

#### 2. Genera

- a. Quotations are open for acceptance within thirty (30) days of the date indicated on the Quotation, after which time, the Quotation is subject to change without any further notice by the Seller, including any prices listed therein.
- b. No contract shall be formed between the Seller and the Purchaser unless and until the Seller issues an Order Acknowledgment Form.
- c. No terms and conditions of sale shall be added by the Purchaser by use of purchase order or other means, notwithstanding what such documents may contain. The only Terms and Conditions that shall apply are those on the Contract Documents. These Terms prevail over any of Purchaser's general terms and conditions of purchase regardless of whether or when the Purchaser has submitted its purchase order or such terms. Fulfilment of the Purchaser's order does not constitute acceptance of any of the Purchaser's terms and conditions and does not serve to modify or amend these Terms. In the event of conflict between these Terms and any other document signed by the parties, these Terms prevail.
- d. Quotations are made by the Seller on the condition that delivery of the products and/or services be taken by the Purchaser within six (6) months from the date of the Purchaser's acceptance of the Quotation. Prices for any products and/or services delivered after six (6) months from the date of the Purchaser's acceptance of the Quotation are subject to change and will be billed to the Purchaser at the time of invoicing.
- e. It is the Purchaser's sole responsibility to, without limiting the generality of the foregoing, verify all quantities, calculations and specifications associated with delivery, and the Seller assumes no liability whatsoever for any errors in this regard.
- f. Unless quoted otherwise, the prices contained in the Price List are based on the use of Normal Portland Cement (Limestone), with rubber gaskets complying with CSA A257.3 and ASTM C443. A premium will be added by the Seller for any other type of cement or gasket required.
- g. Custom or speciality precast concrete products are not subject to cancellation once the Order Acknowledgment Form has been issued. Any products of such a nature will be invoiced in full to the Purchaser, even if no longer required or taken.
- h. Standard, stock items returned to the Seller will be subject to a 25% handling fee. Return of such items are subject to acceptance of the Seller, which the Seller may accept in its sole and unfettered discretion. Products picked up for credit will be subject to return freight charges.
- i. Any request by the Purchaser to change the quoted supply shall be made in writing, and only on acceptance of such changes by the Seller will the Seller be required to provide anything not listed in the Quotation, and the Seller shall be entitled to make such adjustments as are necessary to its quoted prices to reflect the changed scope of
- j. The Seller is entitled to rely upon the accuracy and completeness of any plans, specifications, or other documents provided by the Purchaser. For greater clarity, the Purchaser agrees that the Seller assumes no liability or obligation in respect of any errors, omissions, or inconsistencies in the plans, specifications, or other documents, including but not limited to whether such documents comply with any applicable acts, regulations, rules, or by-laws.
- k. Products and/or services provided by the Seller are warranted to be free from defects for a period of one (1) year from the date of delivery or pick up, and the Seller's liability is limited to replacement or repair of the deficiencies during the one-year period. The Seller is not liable for any consequential or other damages that may arise as a result of a defective product. All other warranties, guarantees, representations, agreements, or other similar obligations, including but not limited to any implied warranties of quality or fitness for a particular purpose, are hereby excluded. No warranties, guarantees, representations, agreements, or other similar obligations exist outside of these Terms and Conditions.

#### 3. Financial Matters

- a. Acceptance of the Quotation shall not obligate the Seller to provide anything contemplated therein until the Purchaser's credit is approved by the Seller's Credit Department, Orders must be placed by means of an Order Acknowledgment Form signed by an authorized representative of the Purchaser.
- b. Payment shall be net 30 days from the date of the invoice. The Purchaser is not entitled to withhold payment of any amount payable to the Seller for any reason whatsnever
- c. The Seller reserves the right to invoice for any specialty or custom product in full within 90 days of the date indicated on the Order Acknowledgement Form whether or not such products have been delivered. The Seller reserves the right to collect an extra charge at the time of invoicing for any storage and/or disposal costs incurred.
- d. A 3% cash discount may be offered at the Seller's sole and unfettered discretion as an incentive for prompt payment, providing no amount is overdue and full payment is made by the 25th day of the month following. HST is not subject to the discount.
- e. Interest at a rate of 2% per month (24% per annum) will be charged on all overdue accounts.
- f. If the financial status of the Purchaser becomes unsatisfactory to the Seller in the Seller's sole and unfettered discretion, the Seller reserves the right to demand full payment in advance, or another form of agreed upon security, or withhold any Work, or if the Purchaser is in default of any of its obligations under the Contract Documents, to cancel the unfilled portion of the Quotation without penalty to the Seller.
- g. Federal and provincial taxes are additional. Any changes to the applicable tax legislation will be charged or credited accordingly.



#### 4. Manufacturing & Delivery

- a. Unless otherwise noted in the Quotation, pricing includes deliveries being made during normal daylight working hours from Monday to Friday, not including any Holiday.
- b. To ensure adequate service, no less than 48 hours' notice shall be given to enable proper scheduling of deliveries.
- c. Any expected completion, delivery or pick up dates that have been communicated by the Seller are approximate only and are not a guarantee. For greater clarity, the Seller does not and can not guarantee any particular date for its performance. The Seller shall not be liable for loss or damage of any kind to the Purchaser resulting from a failure to deliver on any particular date or dates.
- d. Delivery will be made at the delivery address specified in the Quotation.
- e. Quoted prices include delivery for truckload quantities within a 250 kilometer travel distance from the Seller's plant. Deliveries which exceed the set limit will be subject to a flat delivery charge. A truckload consists of a minimum of a 32,000 kilogram payload.
- f. Any order less than the minimum will be priced FOB the Seller's plant, with delivery charges as an extra at time of invoicing.
- g. When delivery is quoted as "FOB Truck at Jobsite", delivery shall be construed to mean motor truck delivery, not unloaded, as close to jobsite, designated storage area, or to the line of the trench as is practical for the loaded motor trucks and trailers to operate under their own power without risk of accident, injury, or undue delay. The Purchaser shall provide and maintain suitable access roads to project site for delivery of the goods. Delivery beyond a point accessible to loaded trucks shall be at the risk of the Purchaser. The Purchaser shall be solely response for any accident or damage resulting from failure to provide safe and satisfactory access to jobsite.
- h. The Seller reserves the right to collect an extra charge at the time of invoicing for any delay of sixty (60) minutes or more in the unloading or releasing of their transports.
- i. An allowance of five percent (5%) from the net price may be made at the Seller's sole and unfettered for concrete products picked up at the Seller's yard (not applicable to all products).
- j. The purchaser shall inspect all products purchased at time of delivery and any claims in respect thereto must be made at that time. To avoid unnecessary costs and delays, special attention should be given to specialty or custom products. If any such goods are found to be defective in the sole and unfettered discretion of the Seller, the Seller will deliver new goods to the Purchaser at the site of work. It is a condition of sale that this will be the limit of the Seller's liability and that the Seller will not be liable for any labour or equipment costs or other consequential damages.

#### 5. General

- a. The Seller shall not be held liable, nor deemed to have defaulted under or breached the Contract Documents, for any failure or delay in fulfilling or performing any term of the Contract Documents, when the failure or delay is caused by (a) acts of God; (b) flood, tsunami, fire, earthquake, hurricane, tornado, explosion; (c) epidemics, pandemics (including the 2019 novel coronavirus pandemic (COVID-19)), and any other public health crisis; (d) war, invasion, hostilities (whether war is declared or not), terrorist threats or acts, riot, or other civil unrest; (e) government order, law or actions; (f) embargoes or blockades in effect on or after the date of the Contract Documents; (g) national or regional emergency; (h) strikes, lockouts, labour stoppages or slowdowns, labour disputes, or other industrial disturbances; (i) shortage of adequate power or telecommunications or transportation facilities; (j) failure of any governmental or public authority to grant a necessary licence or consent; and (k) other events beyond the reasonable control of the Seller.
- b. Waiver of any one or more of the terms or conditions herein by the Seller shall not constitute a general waiver of the terms and conditions, and the Seller reserves the right to enforce any and all terms and conditions not so waived. Any such waiver must be in writing by the Seller.
- c. Any disputes arising from the interpretation of the Quotation, the Order Acknowledgement Form, or these Terms & Conditions shall be governed by the laws of the Province of Ontario, and each party agrees that it attorns to the jurisdiction of the courts of Ontario in connection with these minutes of settlement, and the Purchaser agrees to pay the Seller's legal costs on a full indemnity basis in respect of any such dispute.
- d. If any term or provision of the Contract Documents is invalid, illegal or unenforceable in any jurisdiction, such invalidity, illegality or unenforceability shall not affect any other term or provision of the Contract Documents, or invalidate or render unenforceable such term or provision in any other jurisdiction. Upon a determination that any term or provision is invalid, illegal or unenforceable, the parties shall negotiate in good faith to modify the Contract Documents to effect the original intent of the parties as closely as possible in order that the transactions contemplated therein be consummated as originally contemplated to the greatest extent possible.



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