



MAXFLO AASHTO DUAL WALL PIPE

MaXflo is a superior corrugated HDPE pipe with smooth interior designed for gravity flow storm sewer, retention/detention and other high capacity drainage applications.



SPECIFICATIONS

Timewell participates in and complies to all production standards set forth by the National Transportation Product Evaluation Program. Pipe shall comply with requirements for test methods, dimensions and markings found in AASHTO designations M252 Type S & M294 Type S.

JOINTS

The MaXflo Bell-and-Spigot joint system provides superior load-bearing capability and improved hydraulics. MaXflo is supplied with an elastomeric gasket meeting the requirements of ASTM F477. Watertight Bell-and-Spigot joints, tested to ASTM D3212 standards, are available upon request. When applicable, plain end pipe utilizing a wrap around coupler is available.

FITTINGS

Fittings conform to AASHTO M252 or M294. Fittings can be molded or fabricated. Common fittings are branch fittings such as wyes, tees, and end caps as well as in-line joint fittings like couplers and reducers. Couplers must provide adequate strength to maintain pipe alignment and prevent separation.

AASHTO DUAL WALL PIPE		
Size	Part Number	Configuration
4"	08004-20S	MaXflo 4" Belled
6"	08006-20S	MaXflo 6" Belled
8"	08008-20S	MaXflo 8" Belled
10"	08010-20S	MaXflo 10" Belled
12"	08012-20S	MaXflo 12" Bell/Spigot
12"	08012-24PE / 08012-30PE	MaXflo 12" Plain End
15"	08015-20S	MaXflo 15" Bell/Spigot
15"	08015-24PE / 08015-30PE	MaXflo 15" Plain End
18"	08018-20S	MaXflo 18" Bell/Spigot
18"	08018-24PE / 08018-30PE	MaXflo 18" Plain End
24"	08024-20S	MaXflo 24" Bell/Spigot
24"	08024-24PE / 08024-30PE	MaXflo 24" Plain End
30"	08030-20S	MaXflo 30" Bell/Spigot
30"	08030-24PE / 08030-30PE	MaXflo 30" Plain End
36"	08036-20S	MaXflo 36" Bell/Spigot
36"	08036-24PE / 08036-30PE	MaXflo 36" Plain End
42"	08042-20S	MaXflo 42" Bell/Spigot
48"	08048-20S	MaXflo 48" Bell/Spigot
60"	08060-20S	MaXflo 60" Bell/Spigot

MANNING'S "n" VALUES (Coefficient of Roughness)		
Product	Diameter	Mannings "n" Value
Timewell MaXflo *	4" - 48"	0.012

* Timewell Drainage Products recommends the use of a Manning's "n" value of 0.012.

Nominal Diameter	Inside Diameter (Average)	Outside Diameter (Average)	Minimum Pipe Stiffness at 5% Deflection	Weight (lbs./20ft.)
4"	4.04"	4.73"	50 psi	9.02 lbs
6"	5.98"	6.89"	50 psi	23.54 lbs
8"	7.82"	9.11"	50 psi	31.20 lbs
10"	9.77"	11.34"	50 psi	49.80 lbs
12"	12.14"	14.40"	50 psi	70.60 lbs
15"	15.00"	17.50"	42 psi	71.28 lbs
18"	18.02"	21.05"	40 psi	132.80 lbs
24"	23.95"	27.65"	34 psi	218.68 lbs
30"	30.00"	35.65"	28 psi	360.00 lbs
36"	36.00"	41.30"	22 psi	380.00 lbs
42"	41.40"	47.70"	20 psi	528.60 lbs
48"	47.60"	53.60"	18 psi	625.00 lbs
60"	60.20"	66.40"	15 psi	1,075.00 lbs