



C302

## CONCRETE PRESSURE PIPE (AWWA C302)

FACTS

The century pipe that  
keeps exceeding your  
expectations.



## The century pipe that keeps exceeding your expectations.

Introduced in the early 1900's, today AWWA C302 pipes are manufactured utilizing the same "Carnegie" zinc-metalized joint rings as used on other types of CPP. These joints effectively eliminate:

- **The risk of exfiltration in environmentally sensitive areas**
- **The risk of infiltration of ground water and silt**
- Operating pressure rating up to 55psi (380kPa) plus surge and field test pressure
- Designed as a ridged Structure - up to 95% of strength comes with the pipe - low to no reliance on bedding and backfill
- Excellent corrosion inhibiting properties - not a barrier coating; but a true embedment and passivation of the metal components including restrainers and accessories
- Superior Hydraulics - uniformly smooth interior surface provides a Manning's "n" of 0.009 to 0.011
- Total pipeline solutions - all pipe, fittings, restrainers and accessories come from one source
- 3rd Party certified - including annual audits of all manufacturing facilities
- A full range of available joint configurations fabricated with the pipe

### Applications

- Utilized for wastewater (and storm water) including horizontal and vertical applications
- Available for single-pass low pressure tunneling such as bore & jack and micro tunnel
- Sanitary forcemain and overflow piping
- Water intakes and/or wastewater outfalls (subaqueous install)

### Rinker Materials - Canada St. Eustache, Quebec

#### Ontario & Western Canada

888.497.7660

#### Quebec & Maritimes Region

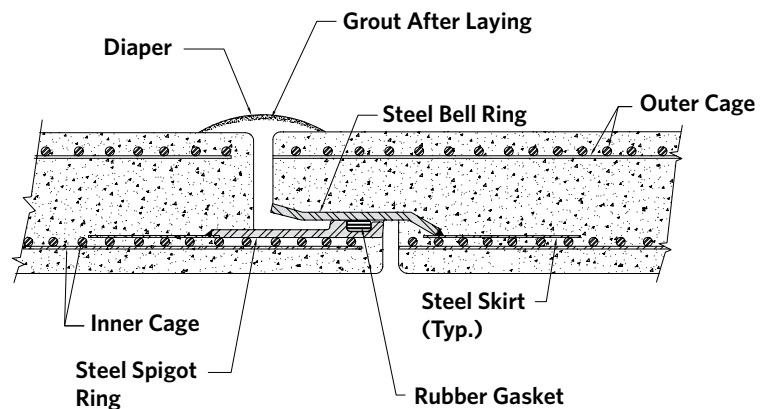
888.497.7371



AWWA C302 Pipe Data Sheet				
Pipe Dia. (mm)	Actual Pipe I.D. (mm)	Barrel/Bell O.D. (mm)	Standard Lay Length (m)	Approx. Weight (kg/m)
900	914	1066	6.096	640
1050	1067	1245	6.096	850
1200	1219	1422	6.096	1090
1350	1372	1601	6.096	1390
1500	1524	1778	6.096	1700
1650	1676	1955	6.096	2030
1800	1829	2134	6.096	2400
1950	1981	2311	6.096	2820
2100	2134	2490	6.096	3300
2250	2286	2667	6.096	3760
2400	2438	2844	6.096	4300
2550	2591	3023	6.096	4900
2700	2743	3200	6.096	5450
2850	2896	3379	6.096	6400
3000	3048	3556	4.877	7000
3300	3353	3912	4.877	8350
3600	3658	4268	4.877	9800

\* Other pipe diameters (ie: 600 and 750mm), O.D. and lay lengths are available upon request.

**Typical Joint  
(Open Cut Application)  
Reinforced Concrete Non-Cylinder Pipe**



**Guiding Our Greatest Resource... Since 1930**