

No metallic parts and **do not require** costly anodes or protective coatings.



*C.I.O.D. pressure fittings for municipal watermains, fire lines, industrial process lines and sewer force mains. We have a wide range of configurations including tees, bends, couplings, caps, increasers and adapters.*

## C.I.O.D. DR 18 & 25 Pressure Fittings

Fabricated in Sizes 10" - 36"

### Features

- C.I.O.D Pressure Fittings are durable, easy to install and long lasting.
- Watertight joints - There is virtually no risk of infiltration or leakage; the pure, clean water that enters the system leaves the system.
- Corrosion resistant - Our fittings have the same long-term hydrostatic strength as our C.I.O.D. pressure pipe.
- Fiberglass wrapped over entire external surface area.

### Applications

C.I.O.D. DR 18 and DR 25 Gasketed Pressure fittings are thermoformed, glued and fiberglass reinforced. This eliminates the threat of rust or corrosion, providing better flow and cleaner water quality. C900 pressure fittings can be used in both higher pressure water systems and low pressure sewer force main systems.

Plastic Trends offers a standard bell OD to facilitate joint restraint installation, while allowing all fittings to have fiberglass reinforced plastic where required. Bends of 45 degrees or less, are manufactured of one-piece construction. This provides a lightweight, compact fitting, which can be easily handled in the field.

Plastic Trends C900/905 fittings are designed to be used with engineered joint restraints or concrete thrust blocking. C900 fittings are a tough alternative to cast iron fittings but have the benefit of being resistant to corrosion.

### Certifications

Conforms to AWWA C905 and are Warnock Hersey Listed to CSA B137.3

# C.I.O.D. DR 18 & 25 Pressure Fittings

Fabricated in Sizes 10" - 36"

## CIOD Pressure Fittings Specification

Fabricated fittings 10" and greater shall conform to the requirements of AWWA C900 and C905 and CSA B137.3.

Fabricated fittings shall have a dimensional ratio equal to that of the pipe they are being installed on.

All PVC CIOD fittings shall incorporate integral elastomeric gasket bell joints.

Materials used in the manufacture of PVC fittings shall equal or exceed cell class 12454 (ASTM 1784) with a hydrostatic design basis of 27.58 Mpa at 23°C as outlined in AWWA C900 and C905, and CSA B137.3. The compound shall be listed with National Sanitation Foundation

Fabricated fittings shall be manufactured from segments of PVC pipe bonded together and over wrapped with fiberglass-reinforced polyester to the requirements of AWWA C900 and C905, and CSA B137.3. All bends, up to and including 45°, shall be constructed from a single section of PVC pipe, without joints, bonding or fiberglass-reinforced polyester wrapping. Note: Since the bends 45° or less are one piece, fibreglassing is redundant and can be eliminated.

The pressure rating of the fittings shall be equal to the pressure rating of the pipe they are being installed on.

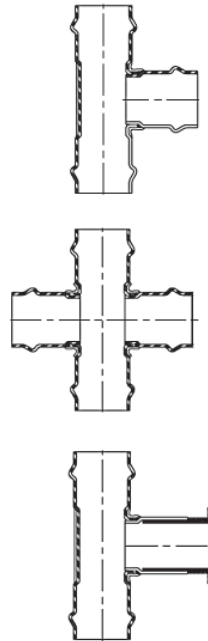
The manufacturer shall meet all the qualification test requirements as outlined in CSA B137.3

All fittings shall be marked with the following identifications:

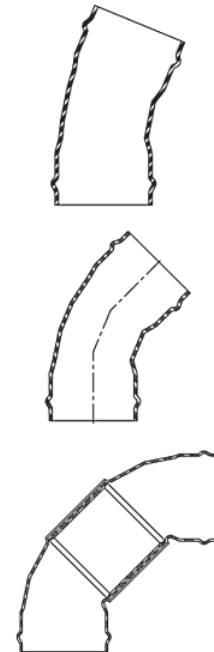
- Nominal size, CIOD
- Manufacturers name or trademark
- AWWA pressure rating/pressure class and standard number to which the fitting is made
- Indication of potable water use, potable, P, PW
- CSA Standard number
- Proper handling label

## Examples of Configurations Available

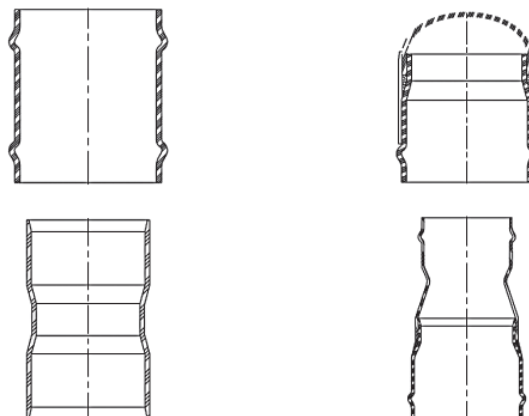
### Branches



### Bends



## Adapters and Closures



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For additional configurations, list prices and dimensional drawings visit [www.plasticrends.com](http://www.plasticrends.com)