

## HANCOR POTABLE WATER SERVICE TUBING (CTS)

Hancor Potable water service tubing (CTS) is a leader in today's potable water service market. Its flexibility and durability distinguish it from the competition and make it ideal for a variety of applications.

Hancor CTS tubing is strong and resistant to many common causes of damage such as vibrations, surface loads and pressure surges.

### APPLICATIONS:

Residential & Commercial Water Service  
Well/Pump Water Systems  
Municipal Service Lines  
Farm & Ranch Water Systems

### FEATURES & BENEFITS

- Material conforms to ASTM D3350 requirements
- Certified to meet NSF 14/61 standard
- Durable plastic material stands the test of time
- Flexibility makes it ideal for a variety of projects
- Strength withstands weather and the human element
- Light weight
- Chemically resistant
- Consistent outside diameter regardless of wall thickness or pressure rating
- Resistant to rot or corrosion
- Fast and easy to install
- Easy installation provides cost-efficiency
- Flexible lengths can be installed in uneven terrain
- Available in many lengths



**Hancor Service:** Hancor representatives and engineers are committed to providing you with the answers to all your questions, including specifications, installation, backfill recommendations and more.

# HANCOR POTABLE WATER SERVICE TUBING (CTS) PIPE SPECIFICATIONS

## SCOPE

This specification describes Hancor Potable Water Service Tubing (CTS) pipe SDR 9 for use in potable water service applications.

## PIPE REQUIREMENTS

Hancor potable water service tubing shall meet the requirements of ASTM D2737, AWWA C901 and NSF Standards 14 and 61. Pipe dimensions shall meet Copper Tubing Size (CTS) standards.

## MATERIAL PROPERTIES

Tubing material shall be high-density polyethylene conforming with the minimum requirements of cell classification 345464E as defined and described in ASTM D3350. The resin shall have a material designation code of PE3608 (formerly PE3408) by the Plastic Pipe Institute.

## DISINFECTION/MAINTENANCE

The active chlorine content of disinfecting solutions shall not exceed 12%. All disinfecting solution must be flushed from all lines within the system. Industry accepted procedures, like ANSI/AWWA C651 Disinfecting Water Mains, should be followed for both new and repaired potable water lines.

## INSTALLATION

Installation is similar to other flexible tubing/pipe products. Methods including direct bury, plowing or pulling are applicable per local, state or federal guidelines for the application.

	SDR 9 (200 psi) 3608 CTS							
	¾"		1"		1 ½"		2"	
<b>Outside Diameter (mm)</b>	0.875 (22.2)	±0.004 ±0.10)	1.125 (28.6)	±0.005 ±0.13)	1.625 (41.3)	±0.006 ±0.15)	2.125 (54.0)	±0.006 ±0.51)
<b>Wall Thickness (mm)</b>	0.097 (2.5)	+0.01 +0.25)	0.125 (3.2)	+0.012 +0.30)	0.181 (4.6)	+0.018 +0.46)	0.236 (6.0)	+0.024 +0.61)
<b>Pressure Rating @ 73° F, psi (kPa)</b>	200 (1379)		200 (1379)		200 (1379)		200 (1379)	
<b>Weight gm/ft (gm/m)</b>	46 (151)	±2 ±7)	78 (256)	±3 ±10)	162 (531)	±5 ±16)	275 (902)	±5 ±16)

## DIRECT CONTACT

### Customer Service

888-FOR PIPE (367-7473)

Fax 888-FAX PIPE (329-7473) 24 hours a day

## ELECTRONIC MEDIA

### Web Site

Find market- and application-specific information and the latest industry news at our On-Line Pipeline—[www.hancor.com](http://www.hancor.com)

Hancor "Terms and Conditions of Sale" are available on the Hancor web site, [www.hancor.com](http://www.hancor.com)