



Reclaimed Water Pipe

*Flexible Polyethylene Pipe
Virgin Purple Pipe*



Effective January, 2024
Supersedes January 2019

CTS

Dimensions	SKU	SDR	Avg OD (in)	Avg ID (in)	Min Wall (in)	Wt / Ft (lbs)	Standard
3/4"	RLCT2500075	9 CTS	.875	.681	.097	.103	ASTM D2737
1"	RLCT2500100	9 CTS	1.125	.875	.125	.170	ASTM D2737
1 1/4"	RLCT2500125	9 CTS	1.375	1.069	.153	.254	ASTM D2737
1 1/2"	RLCT2500150	9 CTS	1.625	1.263	.181	.353	ASTM D2737
2"	RLCT2500200	9 CTS	2.215	1.653	.236	.602	ASTM D2737

CENTENNIAL RECLAIMED WATER SERVICE HDPE CTS 250PSI @ 23°C SDR9 ASTM D2737 PE4710 CC3

SIDR

Dimensions	SKU	SIDR	Avg OD (in)	Avg ID (in)	Min Wall (in)	Wt / Ft (lbs)	Standard
3/4"	RLCH2500075	7	1.060	.824	.118	.152	ASTM D2239
1"	RLCH2500100	7	1.349	1.049	.150	.246	ASTM D2239
1 1/4"	RLCH2500125	7	1.774	1.380	.197	.424	ASTM D2239
1 1/2"	RLCH2500150	7	2.070	1.610	.230	.578	ASTM D2239
2"	RLCH2500200	7	2.657	2.067	.295	.952	ASTM D2239

CENTENNIAL RECLAIMED WATER SERVICE HDPE 250PSI @ 23°C SIDR7 ASTM D2239 PE4710

Note: For stocking coil lengths, please see centennialplastics.com/resources

ISO 9001:2015
Certified



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about our
Irrigation Pipe

ESSENTIAL LINKS *(click link for website or to download file)*

- » PE Handbook
- » Plastic Pipeline Calculator
- » Temperature Effects on Centennial Poly
- » Chemical Resistance of Plastic Piping Materials
- » Weatherability of Thermoplastic Piping Systems

CERTIFICATIONS & REFERENCES

- » **Reclaimed Water Pipe SDR** is suitable for connections with insert fittings, clamps, compression type fittings, and PAC joints. **CTS** is compatible for connections with compression fittings using appropriate insert stiffeners. Check with fitting manufacturers. Check with fitting manufacturers for proper installation.
- » **ASTM D2737** — This specification covers polyethylene (PE) plastic tubing in outside diameters and SDR's that are pressure rated for water. Included are requirements for PE compounds, and requirements and test methods for PE plastic tubing workmanship, dimensions, elevated temperature sustained pressure, burst pressure and marking.
- » **ASTM D2239** — This specification covers polyethylene (PE) pipe made to standard inside dimension ratios (SIDR) and pressure rated for water (see appendix). Included are requirements for PE compounds and requirements and test methods for workmanship, dimensions, elevated temperature sustained pressure, burst pressure, and marking.
- » **PE 4710 — Reclaimed Water Pipe** is manufactured from virgin high density polyethylene resin with the cell classification of 445576C per ASTM D3350. Colored with UV stabilizer.
- » **ASTM D3350** — Material shall be high-density polyethylene conforming to the minimum requirements of cell classification 445576C.
- » **Build America, Buy America (BABA Act)** — We proudly hold a BABA Act certification.
- » **Centennial Plastics follows Proposition 65 – www.P65Warnings.ca.gov**
Our products in their finished form do not require a California Proposition 65 warning label.
- » Centennial Plastics is an ISO 9001 Certified Company.



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