Centennial® PLASTICS, INC.

centennialplastics.com

Water Service Pipe

BACKED BY A 50 YEAR WARRANTY

CenFlo SDR 9 CTS & CenFuse DR 9
Flexible Polyethylene Pipe

Certified and Listed NSF-pw

Effective January, 2024
Supersedes January 2019

CenFlo

SDR 9 CTS | 250 PSI

Dimensions	SKU	Avg OD (in)	ID (in)	Min Wall (in)	Wt / Ft (lbs)	Standard
3/4"	FT472500075	.875	.681	.097	.103	ASTM D2737/AWWA C901
1"	FT472500100	1.125	.875	.125	.170	ASTM D2737/AWWA C901
1¼"	FT472500125	1.375	1.069	.153	.254	ASTM D2737/AWWA C901
1½"	FT472500150	1.625	1.263	.181	.353	ASTM D2737/AWWA C901
2"	FT472500200	2.125	1.653	.236	.602	ASTM D2737/AWWA C901

CENTENNIAL CENFLO HDPE CTS 250 PSI @ 23°C SDR 9 ASTM D2737 NSF-PW U.P. CODE AWWA C-901 PE4710 CC3

CenFuse (Black with Blue Stripe)

DR 9 IPS | 250 PSI

Dimensions	SKU	Avg OD (in)	ID (in)	Min Wall (in)	Wt / Ft (lbs)	Standard
3/4"	FS470090075	1.050	.818	.117	.146	ASTM D3035/AWWA C901
1"	FS470090100	1.315	1.023	.146	.229	ASTM D3035/AWWA C901
1¼"	FS470090125	1.660	1.292	.184	.365	ASTM D3035/AWWA C901
1½"	FS470090150	1.900	1.478	.211	.479	ASTM D3035/AWWA C901
2"	FS470090200	2.375	1.847	.264	.749	ASTM D3035/AWWA C901
3"	FS470090300	3.500	2.722	.389	1.626	ASTM D3035/AWWA C901

CENTENNIAL CENFUSE IPS SDR 9 250 PSI @ 73°F ASTM D3035 NSF-PW NSF GEOTHERMAL AWWA C-901 NSF 358 PE4710 CC3

4"	FS470090400	4.500	3.500	.500	2.688	ASTM F714/AWWA C906
6"	FS470090600	6.625	5.065	.736	5.961	ASTM F714/AWWA C906

CENTENNIAL CENFUSE IPS SDR 9 250 PSI @ 73°F ASTM F714 NSF-PW NSF GEOTHERMAL AWWA C-906 NSF 358 PE4710 CC3

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

AMTIVO ISO 9001:2015 Certified Quality Management

INDEPENDENTLY NSF CERTIFIED

Meets Buy America Act requirements.

PPI Plastics Pipe Institute The Voice of an Industry.

Scan here to learn more about our Potable Water Pipe

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

- **PE Handbook**
- **Plastic Pipe Design Calculator**
- **Temperature Effects on Centennial Poly (HDPE App)**
- **CenFlo Stocking Coil Lengths**
- **CenFuse Stocking Coil Lengths**
- **Chemical Resistance of Plastic Piping Materials**
- **Weatherability of Thermoplastic Piping Systems**

CERTIFICATIONS & REFERENCES

- **Centennial CenFlo** CTS Polyethylene Pipe is compatible for connections with compression fittings using appropriate insert stiffeners. Check with fitting manufacturers for proper installation.
- **Centennial CenFuse** Polyethylene Pipe is compatible for connections with butt fusion, socket fusion, electrofusion, compression fittings, and victaulic grooved fittings. Check with fitting manufacturers for proper installation.
- **Centennial CenFlo CTS and CenFuse** are certified and listed NSF-61 and NSF/ANSI 14.
- **The NSF-pw** mark indicates the product meets the health requirements of NSF-61 as well as performance, long term strength and quality control requirements as required by NSF/ANSI Standard 14-Plastic Piping Components and Related Materials.
- **NSF/ANSI/CAN 61 —** Drinking Water System Components-Health Effects establishes the benchmark criteria for evaluating health effects of many drinking water system components, including plastic piping. Includes annual monitoring testing to verify continuous compliance, regular unannounced inspections of the manufacturing location, and ensures pipe is suitable for drinking water.
- **NSF/ANSI 14 —** Plastics Piping System Components and Related Materials establishes the physical, performance and health effects requirements for plastics piping system components and related materials. Includes annual monitoring testing to verify continuous compliance, regular unannounced inspections of the manufacturing location, and testing to product standards such as ASTM for dimensions, burst, sustained pressure, crush, extrusion quality, etc. Along with verification of the pipe material's long-term strength rating and material physical properties. Ensures pipe is suitable for drinking water.
- **PE 4710 — CenFlo and CenFuse** are manufactured from virgin high density polyethylene resin with the cell classification of 445576C per ASTM D3350. The material contains minimum 2% carbon black as a UV inhibitor to accommodate outside storage for at least 18 months.
- **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 D3035 —** This specification covers polyethylene (PE) pipe made in thermoplastic pipe dimension ratios based on outside diameter IPS 1/2 to 3, for both non-pressure and pressure rated water. Included are requirements for polyethylene compounds and PE plastic pipe, a system of nomenclature for PE plastic pipe, and requirements and test methods for materials, workmanship, dimensions, sustained pressure, and burst pressure.
- **ASTM F714 —** This specification covers polyethylene (PE) pipe 4" and larger.
- **AWWA C901 —** This standard describes polyethylene (PE) pressure pipe and tubing made from material having standard PE code designation PE4710 and intended for use in potable water, reclaimed water, and wastewater service. Conforms to the OD dimensions of copper tube size (CTS) and iron pipe size (IPS).
- **AWWA C906 —** This standard describes polyethylene (PE) pressure pipe and fittings made from materials conforming to standard PE materials designation codes PE 3608 and PE 4710.
- **ASTM D3350 —** Material shall be high-density polyethylene conforming to the minimum requirements of cell classification 445576C, CC3 as defined and described in ASTM D3350.
- **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.

centennialplastics.com

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