



EarthLoops[™]

CenFuse SDR 9 & 11

Effective January, 2024
Supersedes January 2019

EarthLoops[™]

Dimensions	SKU	DR	Bullet Width (in)
3/4"	LP470090075	9	2.375
1"	LP470090100	9	3.250
1 1/4"	LP470090125	9	3.750
1 1/2"	LP470090150	9	4.500

Dimensions	SKU	DR	Bullet Width (in)
3/4"	LP470110075	11	2.375
1"	LP470110100	11	3.250
1 1/4"	LP470110125	11	3.750
1 1/2"	LP470110150	11	4.500

CenFuse SDR 9 – ASTM D3035

Dimensions	SKU	Avg OD (in)	DR	ID (in)	Min Wall (in)	Wt / Ft (lbs)
3/4"	FS470090075	1.050	9	.818	.117	.146
1"	FS470090100	1.315	9	1.023	.146	.229
1 1/4"	FS470090125	1.660	9	1.292	.184	.365
1 1/2"	FS470090150	1.900	9	1.478	.211	.479

CENTENNIAL CenFuse IPS SDR9 250PSI @73°F ASTM D3035 NSF-pw NSF geothermal NSF358 NSF-pw PE4710

CenFuse SDR 11 – ASTM D3035

Dimensions	SKU	Avg OD (in)	DR	ID (in)	Min Wall (in)	Wt / Ft (lbs)
3/4"	FS470110075	1.050	11	.860	.095	.122
1"	FS470110100	1.315	11	1.077	.120	.191
1 1/4"	FS470110125	1.660	11	1.358	.151	.306
1 1/2"	FS470110150	1.900	11	1.544	.173	.402

CENTENNIAL CenFuse IPS SDR11 200PSI @73°F ASTM D3035 NSF geothermal NSF358 NSF-pw PE4710

NOTE: When ordering our custom built EarthLoop[™] Geothermal Exchange System, coil length is multiplied by 2.

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

ISO 9001:2015
Certified



Scan here to
learn more about
our EarthLoops
Exchange System.

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

- » PE Handbook
- » Temperature Effects on Centennial Poly
- » Stocking Coil Lengths
- » Chemical Resistance of Plastic Piping Materials
- » Weatherability of Thermoplastic Piping Systems
- » Geothermal 101
- » Common Questions about Geothermal

CERTIFICATIONS & REFERENCES

- » **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.
- » **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.
- » **PE4710** — **CenFuse** is manufactured from virgin high density polyethylene resin with the cell classification of 445576C per ASTM D3350-22. The material contains minimum 2% carbon black as a UV inhibitor to accommodate outside storage for at least 18 months.
- » **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.
- » **CenFuse** is certified to NSF/ANSI 372 and conforms with the "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.
- » **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.



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