



# CenCoreHDPE



*Flexible Polyethylene Pipe and Tubing*  
*Solid Blue Wall, produced from only the finest virgin PE Resin*

**HDPE 4710 — ASTM D2239**

Chlorine resistance: CC3 per ASTM F2263

## ASTM D2239

### SIDR 11.5 | 160 PSI

Dimensions	SKU	Avg OD (in)	ID (in)	Min Wall (in)	Wt / Ft (lbs)
3/4"	CO471600075	.968	.824	.072	.090
1"	CO471600100	1.231	1.049	.091	.143
1 1/4"	CO471600125	1.620	1.380	.120	.246
1 1/2"	CO471600150	1.890	1.610	.140	.335
2"	CO471600200	2.427	2.067	.180	.544

Centennial CenCore HDPE 160PSI @ 73°F SIDR 11.5 ASTM D 2239 NSF-pw U.P. Code PE 4710

### SIDR 9 | 200 PSI

Dimensions	SKU	Avg OD (in)	ID (in)	Min Wall (in)	Wt / Ft (lbs)
3/4"	CO472000075	1.008	.824	.092	.116
1"	CO472000100	1.283	1.049	.117	.186
1 1/4"	CO472000125	1.686	1.380	.153	.320
1 1/2"	CO472000150	1.968	1.610	.179	.430
2"	CO472000200	2.527	2.067	.230	.710

Centennial CenCore HDPE 200PSI @ 73°F SIDR 9 ASTM D 2239 NSF-pw U.P. Code PE 4710 CC3

### SIDR 7 | 250 PSI

Dimensions	SKU	Avg OD (in)	ID (in)	Min Wall (in)	Wt / Ft (lbs)
3/4"	CO42500075	1.060	.824	.118	.152
1"	CO42500100	1.349	1.049	.150	.246
1 1/4"	CO42500125	1.774	1.380	.197	.424
1 1/2"	CO42500150	2.070	1.610	.230	.578
2"	CO42500200	2.657	2.067	.295	.952

Centennial CenCore HDPE 250PSI @ 73°F SIDR 7 ASTM D 2239 NSF-pw U.P. Code PE 4710 CC3

**Note:** For stocking coil lengths, please see [centennialplastics.com/resources](http://centennialplastics.com/resources)

ISO 9001:2015  
Certified



Scan here  
to learn  
more about  
our Potable  
Water Pipe



Effective January, 2024  
Supersedes January 2019

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

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

## CERTIFICATIONS & REFERENCES

- » **ASTM D2239** — Specification covers the testing, marking, in-plant QC, and annual testing requirements for PE pipe intended for non-potable water piping systems and meeting the dimensional requirements of ASTM D2239.
- » **NSF/ANSI 14** — Plastics Piping System Components and Related Materials establishes the minimum physical, performance and health effects requirements for plastics piping system components and related materials.
- » **NSF/ANSI/CAN 61** — Drinking Water System Components - Health Effects
- » **ASTM D3350** — Centennial PE3608 meets thermal stability, brittleness temperature and elongation at break requirements as outlined in this specification.
- » **SIDR 11.5, SIDR 9 and SIDR 7** are suitable for connections with insert fittings and clamps. SIDR 7 is suitable for compression fittings with pipe stiffeners, PAC joints, etc. *Refer to fitting manufacturers for proper installation.*
- » **CenCore** is tested and certified to NSF/ANSI Standard 14 and 61.
- » **CenCore** is Certified to NSF/ANSI 372 and conforms with the lead content requirements for “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.
- » **§ CenCore HDPE** is certified to the Uniform Plumbing Code™
- » Centennial Plastics follows Proposition 65 – [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
Our products in their finished form do not require a California Proposition 65 warning label.



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