Centennial® PLASTICS, INC.

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CenGas MDPE

Flexible Polyethylene Gas Distribution Pipe

MDPE 2708 — ASTM D2513

Effective January, 2024
Supersedes January 2019

IPS

Dimensions	SKU	SDR	Avg OD (in)	Avg ID (in)	Min Wall (in)	Wt / Ft (lbs)
1/2"	GASM0930050	*9.3 IPS*	.840	.660	.090	.091
3/4"	GASM0110075	11 IPS	1.050	.860	.095	.122
1"	GASM0110100	11 IPS	1.315	1.077	.120	.191
1¼"	GASM0100125	*10 IPS*	1.660	1.328	.166	.333
1¼"	GASM0110125	11 IPS	1.660	1.358	.151	.306
1½"	GASM0110150	11 IPS	1.900	1.554	.173	.402
2"	GASM0110200	11 IPS	2.375	1.943	.216	.627
3"	GASM0110300	11 IPS	3.500	2.864	.318	1.36
4"	GASM0110400	11 IPS	4.500	3.682	.409	2.249
6"	GASM0110600	11 IPS	6.625	5.421	.602	4.873

CENTENNIAL CenGas™ MDPE IPS SDR 11 ASTM D2513 CEE PE2708 NSF.GAS U.P.CODE NR

CTS

Dimensions	SKU	SDR	Avg OD (in)	Avg ID (in)	Min Wall (in)	Wt / Ft (lbs)
1/2"	GASM0070050	7 CTS	.625	.445	.090	.065
1"	GASM1150100	11.5 CTS	1.125	.927	.099	.137

CENTENIAL CenGas™ MDPE CTS SDR 7 ASTM D2513 CEE PE2708 NSF.GAS U.P.CODE NR

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

AMTIVO ISO 9001:2015 Certified Quality Management

NSF Independently Certified

Meets Buy America Act requirements.

PPI Plastics Pipe Institute The Voice of an Industry.

UPC

Scan here to learn more about our Natural Gas Pipe

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

- **PE Handbook**
  - **Chapter 7 - Underground Installation of PE Pipe**
  - **Chapter 8 - Above Ground Installation of PE Pipe**
- **PPI TR-33 (Butt Fusion Joining)**
- **PPI TR-41 (Saddle Fusion Joining)**
- **Gas Pipeline Calculator**
- **CenGas MDPE Stocking Coil Lengths**
- **Chemical Resistance of Plastic Piping Materials**
- **Weatherability of Thermoplastic Piping Systems**

CERTIFICATIONS & REFERENCES

- **CenGas MDPE** is compatible for connections with heat fusion, butt, socket, and saddle fusion joints.
- **ASTM D2513 —** This specification covers the requirements and test methods for material, dimensions, hydrostatic burst strength, tensile strength, chemical resistance, sustained pressure, heat fusion, and impact resistance of plastic pipes, tubing, and fittings used for direct burial and reliner applications in fuel gas mains and services for the distribution of natural gas.
- **PE 2708 —** MDPE materials used for the manufacture of polyethylene pipe and fittings shall be PE 2708 MDPE meeting cell classification 234373E per ASTM D 3350. All MDPE pipe and fittings materials shall be yellow in color.
- **ASTM F2897 —** This specification defines requirements for the data used in the tracking and traceability base-62 encoding system. It provides the format of the resultant code to characterize various components used in fuel gas piping systems.
- **ASTM D3350 —** Material shall be high-density polyethylene conforming to the minimum requirements of cell classification 234373E as defined and described in ASTM D3350. Colored with UV stabalizer.
- **ASTM F2620 —** This practice describes procedures for making joints with polyethylene (PE) pipe and fittings by means of heat fusion joining in, but not limited to, a field environment.
- **ASTM F1055 —** This specification covers electrofusion polyethylene fittings for use with outside diameter-controlled polyethylene pipe, covered by Specification D2513.
- **ASTM F1668 —** This guide describes installation techniques and considerations for open-cut construction of buried pipe. Although this guide was developed for plastic pipe, the concepts of providing the appropriate soil support, care in handling, correct joining techniques, proper soil compaction methods, and prevention of installation damage may apply to any pipe.
- **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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