



PE4710 HDPE

FuseFlex

*Fusible pipe solutions
that work as hard as you do.*

Why Choose Vialflex HDPE Fusible Pipe?

THE PIPE YOU CAN COUNT ON EVERY TIME.

Vialflex PE4710 IPS Fusible Pipe is engineered for strength, reliability, and long service life in demanding industrial and municipal environments. Manufactured from high-performance PE4710 resin, this pipe provides superior resistance to pressure, corrosion, and chemical attack—delivering a cost-effective, low-maintenance solution for fluid conveyance systems. Each length is fusion-weldable, allowing for leak-free, fully restrained joints that perform exceptionally under pressure and stress conditions. Produced under ISO 9001 quality management standards, Vialflex pipe ensures consistency, traceability, and total confidence in performance.

» Applications

- Potable Water Systems
- Raw Water Transmission
- Process Water and Cooling Systems
- Sewer and Wastewater
- Industrial and Mining Applications

» Certifications & Standards

- ISO 9001 – Quality Management Certified
- BABA Compliant – Meets Build America, Buy America requirements
- NSF/ANSI 14 & 61 – Certified for potable water use
- ASTM D3035 – Applicable for nominal pipe sizes $\frac{3}{4}$ " – 3"
- ASTM F714 – Applicable for nominal pipe sizes $\frac{3}{4}$ " – 4"
- PPI TR-4 – Listed in the Plastic Pipe Institute's Hydrostatic Design Basis (HDB) database
- AWWA C901/C906 – Compliant for pressure pipe applications (7, 9)

» Available Sizes, Dimension Ratios & Packaging Configurations

Pipe Sizes

$\frac{3}{4}$ ", 1", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ", 2", 3", 4"

Standard Dimension Ratios (SDR)

7, 9, 11, 13 $\frac{1}{2}$, 17

» Packaging Options

Standard Coil Lengths

Custom lengths available upon request.

Stick Lengths

20' and 40'

Reels

Custom configurations available upon request

» Key Advantages

- High-strength PE4710 resin for maximum pressure capacity
- Fully restrained, leak-free fusion joints
- Corrosion-resistant and chemical-resistant
- Flexible and impact-resistant for challenging installations
- Long service life and reduced maintenance costs
- Manufactured in the USA under strict quality control

Viaflex HDPE IPS Lineup at a Glance

POTABLE HDPE PRESSURE PIPE						
			DR 7	DR 9	DR 11	DR 13.5
Dimension	OD	ID (in)	.750	.816	.860	.894
¾"	1.050	Min Wall (in)	.150	.117	.095	.078
		WT/FT (lbs)	.186	.153	.130	.111

Dimension	OD	ID (in)	.939	1.023	1.075	1.121
1"	1.315	Min Wall (in)	.188	.146	.120	.097
		WT/FT (lbs)	.291	.236	.201	.169

Dimension	OD	ID (in)	1.186	1.292	1.358	1.414
1 ¼"	1.660	Min Wall (in)	.237	.184	.151	.123
		WT/FT (lbs)	.462	.374	.316	.266

Dimension	OD	ID (in)	1.358	1.478	1.554	1.618
1 ½"	1.900	Min Wall (in)	.271	.211	.173	.141
		WT/FT (lbs)	.606	.490	.412	.345

Dimension	OD	ID (in)	1.697	1.847	1.943	2.023
2"	2.375	Min Wall (in)	.339	.264	.216	.176
		WT/FT (lbs)	.947	.767	.643	.534

Dimension	OD	ID (in)	2.500	2.722	2.864	2.982
3"	3.500	Min Wall (in)	.500	.389	.318	.259
		WT/FT (lbs)	2.058	1.665	1.394	1.158

Dimension	OD	ID (in)	3.214	3.500	3.682	3.834
4"	4.500	Min Wall (in)	.643	.500	.409	.333
		WT/FT (lbs)	3.40	2.76	2.31	1.91

AVAILABLE SIZES, DR RATINGS AND PACKAGING CONFIGURATIONS: Standard coil lengths. Additional options in sticks and reels to meet specific project needs.



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For questions or recommendations, please contact our team at pipe@viaflex.com or **(800) 635-3456**.

Scan the QR Codes for Pipe Applications and Solutions.

