

### Product Standards

FM1613, ASTM F714, ASTM D3350 Cell Class, NSF 14, PPI (TR-4) PE4710

### Market

Water distribution for underground fire protection service

### Pipe Sizes

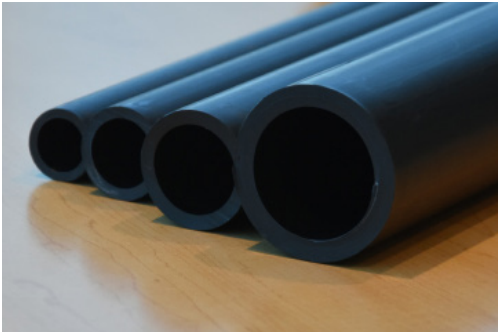
IPS	SDR 9 (250 psi)	2"	3"	4"	6"
	SDR 11 (200 psi)	2"	3"	4"	6"
Available in sticks and coils.					

### Pipe Colors



### Benefits

- Durable, Flexible, and Light:** HDPE pipe is more durable, longer lasting, and has a higher bend radius than other alternatives. Its lightweight flexibility makes it easier to install and allows it to form to an uneven pathway. It is also more suited to trenchless installation than alternatives.
- Chemical Resistance:** Product is CC3 rated and resistant to chlorine- and chloramine-induced degradation.
- Environmental Resistance:** Resistant to damage from freezing, thawing, and other exposure, including high temperatures, making it suitable for fire protection systems.
- Corrosion Resistance:** Resists degradation from harsh underground corrosive substances.
- Surge Resistance:** The flow characteristics of HDPE pipe offer excellent surge resistance, as well as the maintenance of higher flow rates to reduce surging in the first place. HDPE pipe can resist the stress of occasional surges up to double its pressure rating and more frequent surges up to one-and-a-half times its pressure rating while maintaining its integrity.



Submittal and Data Sheet

IPS Pressure Pipe

- **Product Standard:** FM1613, ASTM D3350, ASTM F714
- **Pipe Material:** PPI TR-4 PE 4710, ASTM D3350 Cell Class, 445574C/E (CC3-Potable water only)
- **Certification:** FM Approved NSF 14
- **Installation:** Compatible with standard HDPE pipe installation methods

IPS					
Size (in)	SDR	Nom OD (in)	Min. Wall (in)	Nom ID (in)	Wt./Ft.
2	9	2.375	0.264	1.816	0.757
	11		0.216	1.917	0.634
3	9	3.500	0.389	2.676	1.644
	11		0.318	2.825	1.378
4	9	4.500	0.500	3.440	2.718
	11		0.409	3.633	2.277
6	9	6.625	0.736	5.065	5.890
	11		0.602	5.349	4.934
Measures are approximate and may vary. See applicable standard for tolerance limits.					

