



PE4710/PE3408 HDPE

Turf Irrigation Poly Pipe

Solutions that work as hard as you do.

Why Choose Viaflex Irrigation Poly Pipe?

THE PIPE YOU CAN COUNT ON EVERY TIME.

Viaflex has been a leader in engineered film and polymer innovation for over 60 years. Originally founded as Raven Engineered Films in Sioux Falls, South Dakota, the company built its reputation by producing high-performance materials for agriculture, construction, geomembrane, and industrial applications. In 2023, the company evolved into Viaflex, reflecting a renewed focus on creating advanced film and pipe solutions that deliver strength, flexibility, and reliability across diverse markets. Today, Viaflex combines decades of material science expertise with modern manufacturing technology to support critical infrastructure and environmental sustainability initiatives across North America.

» Product Description

Viaflex Irrigation Poly Pipe is a high-performance, flexible HDPE pipe engineered for superior reliability in turf irrigation, agriculture, and water distribution applications. Manufactured using premium PE4710 resin, it delivers exceptional strength, durability, and resistance to cracking and environmental stress. Each coil is precision-extruded to provide consistent wall thickness and smooth internal flow for long-term system efficiency. Viaflex Poly Pipe combines flexibility and toughness to make installation fast and cost-effective, even in demanding field conditions. With color options to easily identify water lines or differentiate product types, this product is designed to meet the needs of professional installers and irrigation contractors nationwide.

» Application Description

Viaflex Poly Pipe is ideal for turf irrigation, golf courses, landscape systems, agricultural water distribution, and stock water installations. Its lightweight and flexible design allow for easy handling and trenching, while the SIDR-style configuration makes it compatible with standard insert fittings and clamps. Whether installed on residential turf systems or large commercial irrigation projects, Viaflex Poly Pipe provides dependable performance, long service life, and resistance to corrosion and scaling. Designed for both potable and non-potable water systems, it offers the versatility and compliance needed across irrigation markets.

» Certifications & Compliance

ASTM D2239		Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter	
NSF/ANSI 14		Plastic Piping System Components and Related Materials	
ASTM D3350		Polyethylene Plastics for Pipe and Fittings Materials	
BUILD AMERICA, BUY AMERICA		Compliant with U.S. federal funding requirements	
ISO:9001:2015		Certified Quality Management System	

STANDARD COIL LENGTHS

AVAILABLE COLORS

100', 300', 400', 500'
Green, Blue or Black

Technical Specifications

SIDR 15-100# PSI

Size	3/4"	1"	1-1/4"	1-1/2"	2"
ID	.824	1.049	1.380	1.610	2.067
OD	.944	1.189	1.564	1.824	2.343
WALL	.060	.070	.092	.107	.138
WT/FT	.070	.105	.185	.247	.410

SIDR 19-80# PSI

Size	3/4"	1"	1-1/4"	1-1/2"	2"
ID	.824	1.049	1.380	1.610	2.067
OD	.944	1.169	1.526	1.780	2.285
WALL	.060	.060	.073	.085	1.09
WT/FT	.065	.090	.156	.208	.340

Please reference the Viaflex Quote Number when submitting a Purchase Order.

Why Choose Viaflex?

Manufactured in the USA under rigorous quality controls. Compatible with standard SIDR insert fittings. Engineered for long-term flexibility and high performance. Backed by Viaflex's industry-leading support and warranty.





viaflex.com

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.

