

# MaxDR<sup>®</sup>

## High-Pressure Composite Poly-Pipe

### Strength of Composite with the Ease of Poly<sup>™</sup>

MaxDR<sup>®</sup> is the industry's only large diameter, High-Pressure Composite Poly-Pipe. Applying our patented design and manufacturing process, traditional HDPE pipe is upgraded with a cohesive fiberglass wrap and a HDPE protective cover with embedded RFID tag for traceability. MaxDR applies **ASTM/API/ISO standards**, and is available in **12" to 24"** with operating pressures of **350, 550 and 750 psi**. MaxDR offers a fused connection using traditional HDPE fusing equipment and procedures.

### A Measurable Difference in Performance and Value<sup>™</sup>

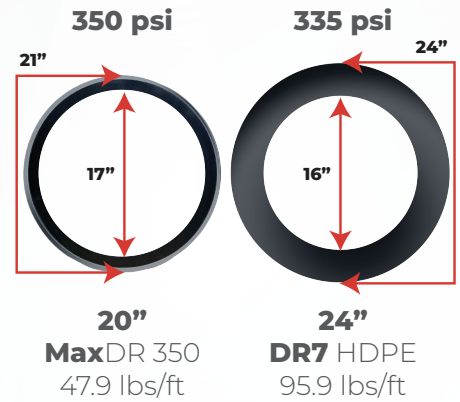
Composite Piping's value-added process improves on the advantages of HDPE pipe significantly expanding its range of applications. MaxDR delivers several quantifiable benefits over other HDPE, fiberglass, and steel pipe, including:

- **Lower capital costs** due to 50%+ reduction in material while delivering 2x to 3x higher pressure ratings over standard HDPE.
- **Reduced installation time** versus comparable ID and pressure rated pipe while **utilizing the same fusing equipment** and similar procedures as traditional HDPE pipe.
- **Decreased carbon intensity rating** through reduced material/transportation and shortened fusing time.

### Pressure Rating Table

MaxDR	Working psig (1)	350	550	750
IPS Size (Avg. OD)	Core Pipe DR	17	11	7
12 (13.25")	Avg ID, in	11.2	10.3	8.9
14 (14.5")	Avg ID, in	12.3	11.3	9.8
16 (16.5")	Avg ID, in	14.0	12.9	11.2
18 (18.5")	Avg ID, in	15.8	14.5	12.5
20 (21")	Avg ID, in	17.5	16.1	13.9
22 (23")	Avg ID, in	19.3	17.8	15.3
24 (25")	Avg ID, in	21.0	19.4	16.7

1. Pressure class (PC) for water at 73°F. Ratings will vary for other fluids and temperatures.



### Pound for Pound

MaxDR provides higher pressure using less material while delivering the same volume



2x to 3x Increase in Pressure Rating over Traditional HDPE Pipe



MaxDR fittings are available in all pressure classes in mitered designs

