

Worthington | ODINBoom® HDPE Series



Trent Severn Waterway, Ontario (Canada)

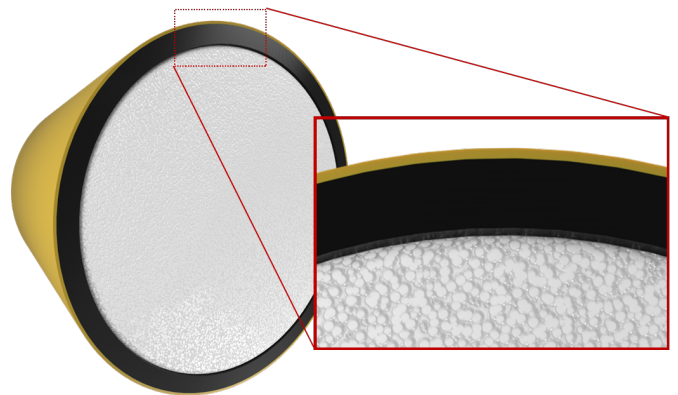
CORROSION FREE
Thick walled HDPE

CO-EXTRUSION
Never Peel Technology

50-YEAR DESIGN
With Lifetime Warranties

ODINBoom® HDPE is the thick-walled dual-colored High Density Polyethylene barrier material that has upended traditional waterway barrier design. The proprietary co-extrusion production delivers outstanding durability with a 50-year design life. ODINBoom floats will never rust, corrode, or require recoating of the surface. ODINBoom is the modern replacement to those old steel boom designs of the past.

The ODINBoom series is available in multiple diameters, lengths, and end connection configurations for ultimate versatility.



Worthington Waterway Barrier Experts Since 2001

One Material - Two Colors

ODINBoom is made from 100% Virgin HDPE polymers according to ASTM D3350. The dual-extrusion process provides for a thick 4mm colored surface over top of a 28mm black HDPE.

Superior to One-Color Solid Pipe.

Fully colored HDPE pipe lacks sufficient carbon black. The result is these pipes lose their strength when exposed to the elements much quicker. The UV protection in fully colored pipe is costly and far inferior to the carbon black in ODINBoom.

ODINBoom is the only HDPE to combine the long-term UV resistant properties of black HDPE pipe with a fade-resistant colored surface. Users of ODINBoom get the long-life benefits and the safety and visibility features demanded of today's floating boom systems.



Learn about the Features and Benefits of ODINBoom in this informative YouTube Video.

Click on the image above or type this link into your browser. <https://youtu.be/TSyHJ2SpPF8>



Full Turnkey Services

- Shoreline & in-water, mid-span anchor design
- High visibility fusion graphics
- Mid-span anchor buoy
- Boat access gate
- Safety yellow
- Flangeless end cap design with exoskeleton
- Submerged debris skirts
- Installation



Latchford Dam, Temiskaming, ON (Canada)

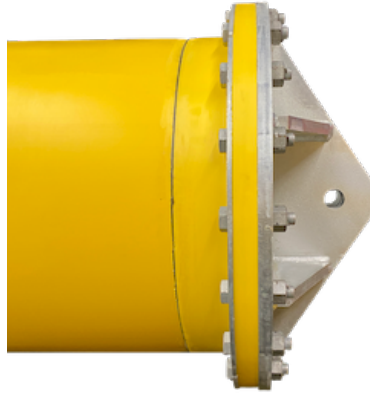


End Connection Options

ODINBoom can be designed with flanged ends or in a flangeless design using a solid end cap. When the designed with flanged ends, the units can be connected flange end to flange end or furnished with an engineered steel end plate for connection utilizing chain.



Flanged end showing flange to flange end connection.



Flanged end showing flange to end plate connection.



Flangeless end cap showing bottom steel channel.

Specifications

| | |
|---|--|
| Material | ASTM D3350, HDPE (PE44544 C/E) |
| Process | Co-Extrusion |
| Color | Yellow per FS13655 |
| Diameter Range | 0.61 m up to 1.22 m (24 in up to 48 in) |
| Length Range | 3.05 m up to 12 m. (10 ft up to 39.0 ft) |
| Wall Thickness Range | 32 mm (standard) up to 42 mm. (1.25 in to 1.65 in) |
| Standard Stock Sizes. (Dia x Length) | 0.61 m x 3.65 m (24 in x 12 ft) 0.61 m x 6.00 m (24 in x 20 ft) 0.61 m x 12.00 m (24 in x 39 ft) |
| Minimum Yield Strength (note 1) | 63,052 kgs. (139 kips) |
| Minimum Ultimate Strength (note 1) | 108,415 kgs. (239 kips) |

Note 1: Interconnecting hardware to be designed accordingly to maintain minimum strength of the complete boom system.

Discover more with at www.youtube.com/c/tuffboom.



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