



PermaBoom HD

Application Guide

PermaBoom is the only choice for permanent installation in and around marine facilities. Extremely rugged construction and excellent resistance to weathering provide years of reliable, low-cost service.

Perfect for oil and debris containment and for exclusion of floating pollutants from sensitive facilities or areas.



Canadyne **PermaBoom HD** (Heavy Duty) is a rugged, solid buoyancy boom used for permanent or long-term oil/debris containment in and around marine facilities.

Features and Benefits:

- ◆ **Heavy duty, high strength**, PVC-coated polyester conveyor belting membrane.
- ◆ Marine growth and UV inhibitors for years of **low maintenance**, 24 hour per day protection.
- ◆ **High visibility**, unsinkable rotary molded polyethylene floats filled with closed cell urethane foam.
- ◆ **ASTM** or **Universal** style marine grade aluminum boom connectors to mate with existing inventories.
- ◆ **Corrosion resistant** stainless steel hardware.

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"The right solution... the first time"

Canadyne PermaBoom Data Sheet



PermaBoom float (orange standard, yellow and black also available)

	PermaBoom 18	PermaBoom 24	PermaBoom 36
Part Number	10259	10266	10212
Overall Height	18 in (457 mm)	24 in (610 mm)	36 in (915 mm)
Freeboard	7 in (180 mm)	8 in (203 mm)	12 in (305 mm)
Draft	11 in (270 mm)	16 in (407 mm)	24 in (610 mm)
Section Length	50 feet (15.25m)	50 feet (15.25 m)	50 feet (15.25 m)
Ballast	Optional	Optional	Optional
Tensile Strength	27,000 lbs (12,270 kg)	36,000 lbs (16,350 kg)	54,000 lbs (24,500 kg)
Boom Weight	5.6 lbs/ft (8.3kg/m)	6.7 lbs/ft (10.0 kg/m)	7.5 lbs/ft (11.3 kg/m)



PermaBoom deployed around vessels in port (24 hour protection)

Standard Features

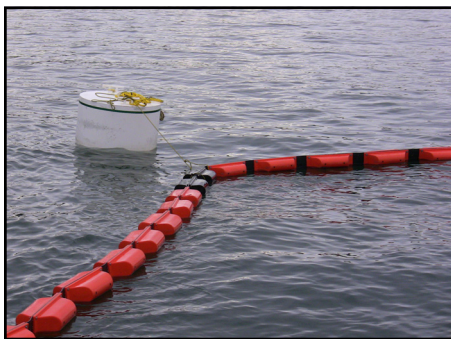
- Boom fabric is heavy duty PVC-coated polyester conveyor belting, black
- Standard fabric weight 170 oz/yd² (5700 gsm), 0.20 inch (5mm) thick
- Standard fabric strength 1500 lbs/inch (267 kg/cm)
- Fabric has UV and marine growth inhibitors, chemical resistant
- Fully enclosed, rotary molded high density polyethylene float shells filled with closed cell polyurethane foam filling, impact resistant, unsinkable
- Floats are bolted through molded elliptical holes to allow stretching of boom skirt under tension
- Float weight 8 lbs (3.6 kg), 34.75 x 9.75 x 9.25 in (891 x 248 x 235 mm)
- 304 Stainless Steel (SS) float attachment and connector hardware
- Floats come disassembled from belting to minimize freight volume
- Full factory support for spares, repairs and technical assistance

Optional Features

- Upgrade to heavier PVC fabric for increased abrasion resistance
- ASTM, Stainless Steel (SS) Hinge and Pin, or bolted connections
- Custom sizes, section lengths

Recommended Accessories

- Towing Bridle and Tow Line
- Anchor Assembly systems
- Tidal compensators and dock seals



PermaBoom anchored in position with heavy duty mooring float

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