



PocketBoom™

APPLIED FABRIC
TECHNOLOGIES, INC

In-situ, or on the water, burning is becoming recognized as an effective and efficient solution to removal of spilled oil. **PocketBoom™** from Applied Fabric Technologies is a unique stainless steel barrier that has been extensively researched and tested over the last two years.



Based on the experience and detailed analysis of S.L. Ross Environmental Research Ltd. of Ottawa, **PocketBoom™** is a redesign and refinement of a fire boom originally developed by Dome Petroleum. In an unprecedented oil spill response industry effort, the **PocketBoom™** design was rendered by Applied Fabric Technologies at their facility in Orchard Park, New York. The design and materials of construction have now been tested at five locations in eastern North America.

Rugged and dependable, **PocketBoom™** has excellent seakeeping, is well behaved in straight line and “U” configuration tows, can be subjected to repeated cyclical or discrete burns, and with the right handling equipment, exhibits straightforward launch and recovery characteristics.



Specifications

Total Height: 99 cm (91 cm at connector)
Freeboard: 34.8 cm (31 cm at connector)
Draft: 64.1 cm
Weight: 40.2 kg/m
B/W Ratio: 3:1
Total Buoyancy: 121 kg/m
Tensile Strength: 1.78 kN per cm width
178 kN Total



Operational Temperatures: less than -40 to more than 1000 °C
Fireproof Barrier Fabric: All stainless steel construction
Flotation: Air filled stainless steel chambers at ambient pressure
Ballast: None required

Articulated connector sections are hinged, corrugated stainless attached with Navy style connectors. The connector sections are sized and hinged to permit adjacent float sections to fold against one another for compact storage. A lifting frame and harness have been specially designed to ensure safe and effective launching and recovery.

