Proven in real-world response conditions

PyroBoom™
APPLIED FABRIC TECHNOLOGIES, INC.

Whether you are looking for a single piece of oil spill equipment... or an entire system... "we've got it covered."

We have the experience and technical expertise to engineer solutions for most any situation you might encounter. Proven in the tank and now proven in the Gulf, PyroBoom™ and its supporting cast of products are ready to tackle your requirements.

PyroBoom Specifications	US	Metric
TOTAL HEIGHT	30 in.	76 cm
FREEBOARD	11 in.	28 cm
DRAFT	19 in.	48 cm
WEIGHT	8.9 lb/ft	13.3 kg/m
OPERATIONAL TEMP	<-40°F to >2400°F	<-40°C to >1315°C
B/W RATIO	3.3 : 1	3.3 : 1
TENSILE STRENGTH	>1,000 lb per in. WIDTH >30,000 lbs TOTAL	>1.75 kN per cm WIDTH >133 kN TOTAL
REFRACTORY BARRIER	INCONEL INTERWOVEN WITH STAINLESS STEEL AND FIBERFRAX REFRACTORY FIBERS, THEN COATED WITH SILICONE	
SUBSURFACE SKIRT	NITRILE RUBBER	
FLOTATION	STAINLESS STEEL HEMISPHERES FILLED WITH HIGH-TEMPERATURE GLASS FOAM	
BALLAST	HOT-DIPPED GALVANIZED CHAIN 3/8 in.	9.5 mm

Specifications subject to change

Other AFTI Spill Containment Technology

- OILFENCE™
- GLOBEBOOM®
- MINI-MAX
- CS BOOM
- DESMI DOP PUMPS
- RO-BOOM
- SKIMMERS
- GIANT OCTOPUS
- POWER PACKS
- MORRIS SKIMMERS

AFTI – a subsidiary of DESMI RO-CLEAN
PROVEN OIL SPILL TECHNOLOGY

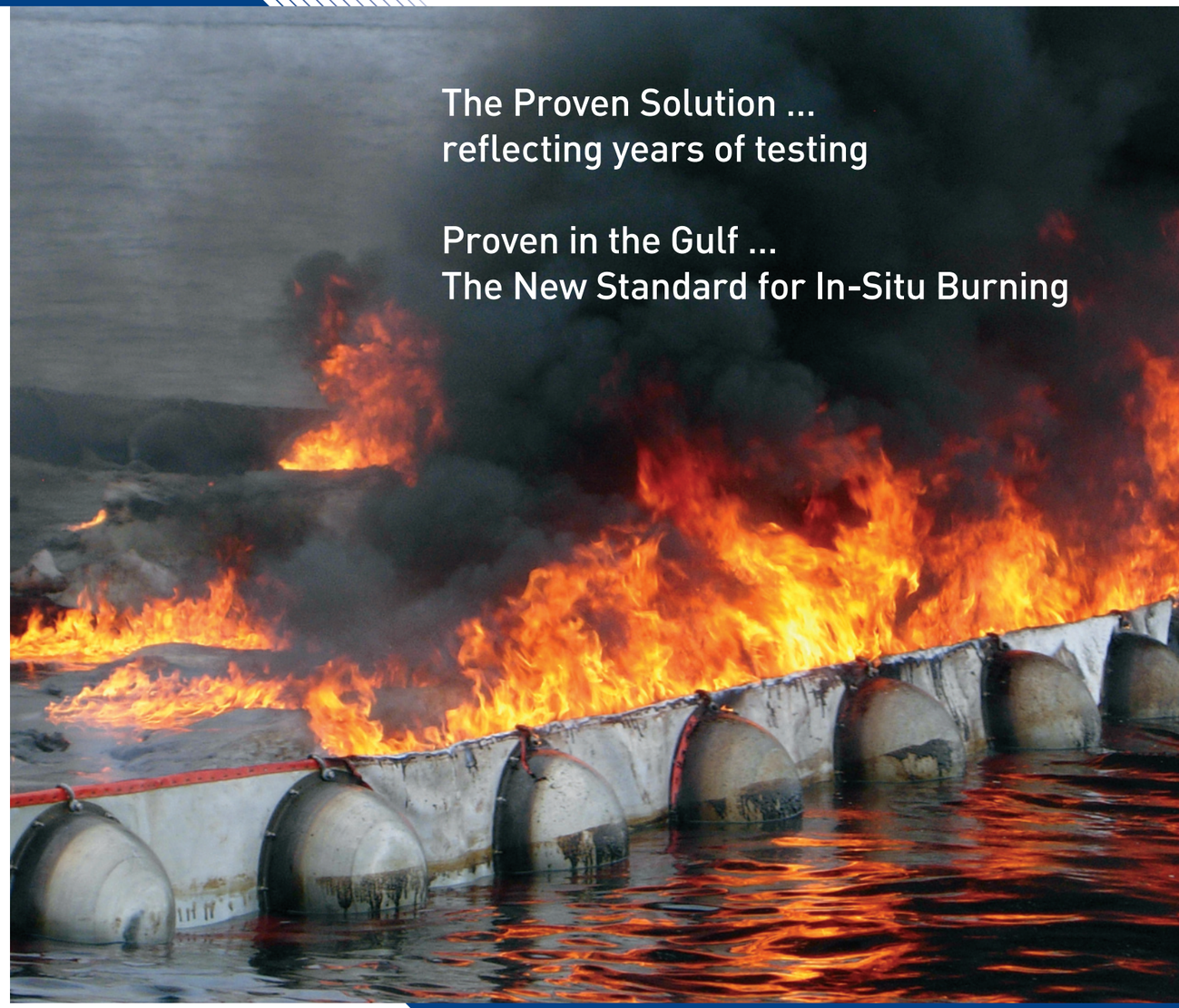
227 Thorn Avenue | Orchard Park, New York 14127 USA
TEL +1-716-662-0632 | **FAX** +1-716-662-0636 | **www.afti.com**

DESMI Ro-Clean A/S | Hestehaven 61 | DK-5260 Odense S | Denmark
TEL +45 6548 1610 | **FAX** +45 6548 1615 | **www.desmiro-clean.com**

PyroBoom™
APPLIED FABRIC TECHNOLOGIES, INC.

The Proven Solution ...
reflecting years of testing

Proven in the Gulf ...
The New Standard for In-Situ Burning



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PROVEN OIL SPILL TECHNOLOGY

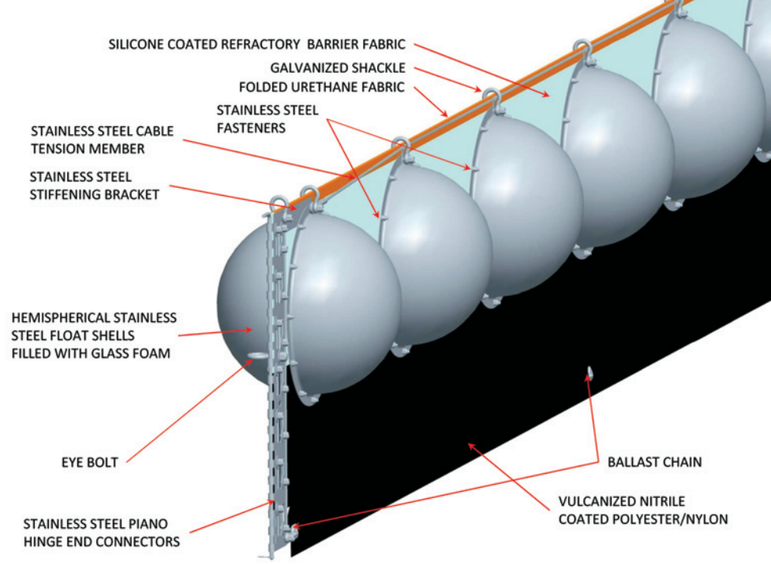
Only Proven Fire Boom That Can Be Reconditioned In the Field at a Fraction of the Cost of New Fire Boom

PyroBoom™

A Proven Performer in the Gulf

In-situ burning, once reserved for oil spills in remote locations, is now considered a practical alternative to mechanical removal under specific conditions. Experience from the Deep Water Horizon Spill in the Gulf of Mexico validated "controlled burning" as an effective technique ... and PyroBoom™ proved itself to be an excellent performer.

Performed properly, under the right conditions, in-situ burning can rapidly eliminate large quantities of oil, efficiently, and with minimal environmental impact. In the Gulf, PyroBoom™ played a key role ... in-situ burning helped to greatly reduce the amount of oil hitting the shore, beaches and marshes.



Advantages of In-Situ Burning

- Removes large quantities of oil quickly
- Eliminates the recovery and disposal chain
- Practical in a wide range of conditions, including open water, intertidal zones, swamps and marshes, rivers, and even broken ice
- Low environmental impact when performed properly

In-situ burning is accepted for some coastal areas in the United States, and is recognized by Environment Canada as a "viable alternative to mechanical methods." For spills in Arctic waters, in-situ burning is often the only practical cleanup technique.

For more information about in-situ burning, visit the U.S. NOAA website at www.noaa.gov. Environment Canada's Emergencies Science Division has also performed extensive testing of in-situ burning techniques and equipment and issued a report, *In-situ Burning: A Cleanup Technique for Oil Spills on Water* (2000).

PyroBoom™ A Proven Solution for In-Situ Burning

Developed specifically for in-situ burning of oil, PyroBoom™ is the only product that meets all requirements from the Arctic to the tropics. In numerous burn tests, PyroBoom™ has repeatedly exceeded ASTM standards for performance.

Advantages of PyroBoom™

Conventional fabric booms, including those using active water-cooled fabric blankets, are subject to burn-through and catastrophic failure, especially if any component in the complex water cooling system fails. In addition, these designs are complicated to use, requiring extensive training and practice. They become water-logged; the resulting dramatic weight gain makes retrieval difficult, and drying, storage and maintenance virtually impossible in field conditions. In contrast, the PyroBoom™ design and construction have been proven repeatedly over 25 years of development and testing. Advantages include:

Patented Refractory Fabric – Our proprietary Inconel/Fiberfrax® refractory fabric with silicone coating has been proven in repeated burn tests at temperatures up to 2400°F with no catastrophic failures.

Fail-Safe Operation – Degradation of the PyroBoom™ refractory material is gradual, predictable and easily observed, ensuring fail-safe operation. Degraded refractory fabric is easy to replace in the field using only common hand tools.

Stainless/Glass Foam Floats – Stainless steel floats filled with glass foam have completed over 150 hours of burn testing with no damage.

Simple Modular Construction – Boom components are assembled using stainless connectors and off-the-shelf fasteners, making it easy to extend, repair or replace boom sections in the field.

Ease of Use – With no auxiliary pumps, compressors or delicate connections, using PyroBoom™ is a simple four-step process:

1. Deploy
2. Collect
3. Burn
4. Retrieve

Because PyroBoom™ practically weighs the same wet or dry, retrieval is much easier than with water-cooled booms.

Low Maintenance/Life-Cycle Costs – Except for replacing degraded refractory fabric after a burn, PyroBoom™ is virtually maintenance-free. It can be deployed, then retrieved and stored with no disassembly, flushing, washing, or extended drying period, making it ideal for training and drills.

Related Products – In keeping with AFTI's efforts to meet the customer's needs, two related products have been developed. Working with industry experts, PocketBoom was developed specifically for Arctic applications, particularly for those customers with an existing inventory of less capable boom.

With Fire Blanket, AFTI's decades of experience with high temperature industrial textiles was brought to bear on developing a product to protect conventional boom to be employed as lead-in boom for in-situ burning sweep operations.

PyroBoom™ in Container:

Simple modular boom design, rugged construction, and included shipping container make storage and transport easy.

www.afti.com

Lowest Acquisition Cost and Lowest Life Cycle Cost of the Leading Brands

For more information, including test results, contact Applied Fabric Technologies at **+1-716-662-0632** or **bestboom@afti.com**