

B510 Product Data Sheet	
Part Number:	B510
Nomenclature:	Absorbent boom composed of spun bond and melt blown polypropylene.
Unit Color:	White
Unit Dimensions:	5" dia.(nominal) X 10' length (x/- 2") 1/2" concentricity
Unit Weight:	5 lbs
Unit Absorbency:	9.52 gallons
Units per Case /Bale:	4
Case / Bale Absorbency:	38.08 gallons
Case / Bale Weight:	20 lbs.
Case / Bale Dimensions:	21" diam. x 16" high
Case / Bale per Pallet:	24
Pallet Dimensions:	42" x 48" x 96"
Pallet Weight:	515 lbs.

Description: Primarily used to absorb / skim oil and hydrocarbon spills from all terrain and bodies of water. Link together into barriers of any length for containment and absorption. Manufactured using an outer net of polyester and an inner sock of spun bond polypropylene.

- Rope running along length of Boom adds strength for deployment and retrieval
- Strong, zinc-plated carbon steel attachment clips and rings allow you to link Booms together for greater length
- Oil-Only Polypropylene fill is highly absorbent and selective in absorbing oil-based spills in a variety of environments.
- Tough outer mesh resists snags and debris while remaining pliable
- Spunbond polypropylene skin is UV resistant up to 12 months; meets NFPA 99 standards for static decay
- Absorbs and retains oils and oil-based liquids—including lubricants, fuels and cleaning agents—without absorbing a drop of water
- Hugs ground to confine and soak up spills on land; floats to confine and soak up spills on water
- Bright white.
- Can be incinerated.

Regulations and Compliance

33 CFR 154.1047(c)(2)	“ Containment boom, sorbent boom, silt curtains, or other methods for containing the petroleum oil that may remain floating on the surface or to reduce spreading on the bottom”
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B510 Component Specifications

Net Material	Natural color polyester multifilament yarn, PET or extruded Polyethylene.	
Yarn Construction	72 strands or more around the circumference w/ 500 denier each strand.	
Thermal Properties	Melts at 450 degrees F	
Mesh Pattern	Hexagon, 2-stitch	
Tensile Strength	875 lbs, 8.61 lbs per end	
Tenacity	7.71 grams	
Sock Material	1.25 ounce per square yard hydrophobic spun bond polypropylene	
Weight	40 gsm +/- 10%	per ASTM D3776-96
Tensile strength M.D.	124 N/cm ² +/- 20%	per ASTM D5034-90
Tensile strength C.D.	101 N/cm ² +/- 20%	per ASTM D5034-90
Elongation M.D.	80% +/- 20%	per ASTM D5034-90
Elongation C.D.	90% +/- 20%	per ASTM D5034-90
Trapezoid Tear M.D.	9 lbs +/- 20%	per ASTM D5733-95
Trapezoid Tear C.D.	12.4 lbs +/- 20%	per ASTM D5733-95
Rope Material	3 strand monofilament polypropylene	
Diameter	1/4"	
Circumference	3/4"	
Tensile Strength	1,125 lbs	
Bit Snap specification	Rope sets in the base of the bit-snap and then clipped to hold the bit-snap in place.	
Location	19" (+/- 1" from end of boom)	
Material	100% 1/4" zinc plated steel	
Size	2 1/2" long	
Break Strength	895 lbs	
O-ring specification	Rope, net and sock are looped through the o-ring and fastened with the clip	
Material	4.5 mm thick nickel plated welded steel ring.	
Size	1 1/4" diameter	
Break Strength	2878 lbs	
Clip Specification	Aluminum alloy cross clip, applied by a pneumatic clipper.	
Size	.188" Diameter	
Break Load	470 – 530 lbs.	