

B520-N Product Data Sheet	
Part Number:	B520-N
Nomenclature:	Absorbent boom composed of Natural Hydrophobic Fiber, spun bond sleeve, yellow rope, Polyester Netting with UV inhibitor, rings and snaps.
Unit Color:	Off White/ Beige. Yellow rope, White netting.
Unit Dimensions:	5" dia.(nominal) X 20' length (x/- 2") 1/2" concentricity
Unit Weight:	12 lbs
Unit Absorbency:	14.31 to 16.35 gallons, based on hydrocarbons present.
Units per Case /Bale:	2
Case / Bale Absorbency:	28.62 to 32.7 gallons
Case / Bale Weight:	24 lbs.
Case / Bale Dimensions:	21" diam. x 16" high
Case / Bale per Pallet:	24
Pallet Dimensions:	42" x 48" x 96"
Pallet Weight:	611 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.

- All natural Oil only fiber that has the capacity to absorb 13 times its own weight.
- 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 Natural Fiber 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
- Spun bond 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
- Off white / beige.
- 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”
40 CFR 300.195(g)(1) 40 CFR 300.5	Porsorbent Natural boom is a sorbent material and consists solely of the materials listed in section 300.915(g)(1) of the NCP

B520-N Component Specifications
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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	¼"
Circumference	¾"
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% ¼" 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 ¼" diameter
Break Strength	2878 lbs

Clip Specification	Aluminum alloy cross clip, applied by a pneumatic clipper.
Size	.188" Diameter
Break Load	470 – 530 lbs.

Sorbent Fill Component Specifications
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Sorbent Fill Material	K-Sorb Hydrophobic Natural Fiber
Manufacture	Biocel Technologies
Manufacture ISO Cert.	ISO: 9001-2008 EA Code 29
ISO Cert. Number	6250-2 Expires 10 may 2012
Batch I.D. Method	Barcode, Date and Batch Code printed on a white 2" x 4" label, attached to each bale.
CAS NO.	65996-61-4
Specific Gravity	.86
Flash Point	212° F / 100° C
Absorbency by volume	70% to 80% of total volume, based on viscosity of hydrocarbon present.
QC Testing methods	Float test / Hydrophobic application process by weight and meter gauge.
Testing frequency	Testing is throughout the production period per batch. Upon completion of batch, sample is sent to an outside lab for testing.
USEPA	Dated 6/23/2010 stating product meets 40 CFR 300.195(g)(1) and 40 CFR 300.5 on the NPC schedule. Letter is available and on file.