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Thread: amsteel vs dyeema

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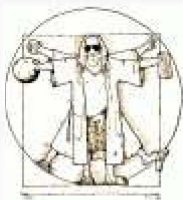
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08-21-2012, 13:25

#1

Elessar

Member



Join Date: Aug 2011

Location: Crab Orchard, KY

Hammock: shopping for new gear**Insulation:** Tequila**Suspension:** Prayer

Posts: 61

amsteel vs dyeema

I'm still reading, studying, designing, and planning. I've bought a budget hammock to begin my research and experimentation, but I continue to run up against new things like the difference between Amsteel & Dyeema.

Can someone here please lay out the difference between these two lines?

Reply With Quote

08-21-2012, 13:31

#2

Hiknhanger

Senior Member



Join Date: Nov 2010

Location: Greensboro, NC

Amsteel is a product name for cordage made with dyneema fibers, so Amsteel is dyneema. It can be quite confusing!

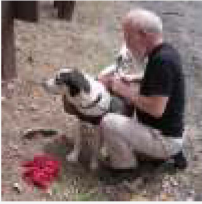
Hammock: DIY**Tarp:** Chinook 12 x 9.6**Insulation:** Mummy bag**Suspension:** UCR's**Posts:** 765**Images:** 1 [Reply With Quote](#)

08-21-2012, 13:39

#3

WV 

Senior Member

**Join Date:** Feb 2008**Location:** southeast WV**Hammock:** DIY**Posts:** 4,853**Images:** 209

Dyneema is a product name for cordage made with high molecular weight polyethylene fibers. So is Amsteel. It *can* be quite confusing! The coatings on the manufactured ropes may be slightly different, but they are essentially the same stuff.

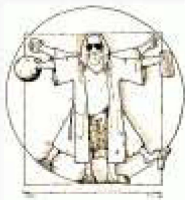
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08-21-2012, 13:52

#4

Elessar 

Member

**Join Date:** Aug 2011**Location:** Crab Orchard, KY**Hammock:** shopping for new gear**Insulation:** Tequila**Suspension:** Prayer**Posts:** 61

Ooooo, I'm gettin' educated now. Thanx y'all.

 [Reply With Quote](#)

08-21-2012, 13:54

#5

Ex. 1028

Crüzr v. Tethrd

BER ◉

Senior Member

Join Date: Jul 2009

Location: USA

Posts: 1,604

Amsteel is a brand name for Samson cord made of high-modulus polyethylene (HMPE)--also known as Ultra-high-molecular-weight polyethylene (UHMWPE)

Dyneema is the trade name for UHMWPE made by the DSM company in the Netherlands.

Spectra is the trade name of UHMWPE made by Allied Signal/Honeywell International Inc in the USA. Dyneema was initially licensed to Allied Signal by DSM to be manufactured in the USA and the name was changed.

Samson, New England Ropes, Yale Cordage, and other rope companies use Dyneema or Spectra fiber and then make their ropes with their own brand name (such as Amsteel, Dynaglide, Endura-12, Maxibraid, Ultrex, etc) Many of them are available in different diameters depending on the required specs. Some minor differences in coatings.

Last edited by BER; 08-21-2012 at 14:19.

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08-21-2012, 13:57

#6

Hiknhanger ◉

Senior Member



Join Date: Nov 2010

Location: Greensboro, NC

Hammock: DIY**Tarp:** Chinook 12 x 9.6**Insulation:** Mummy bag**Suspension:** UCR's

Posts: 765

Images: 1

 Originally Posted by **BER** ◉

Amsteel is a brand name for Samson Ropes cord made of high-modulus polyethylene (HMPE)--also known as Ultra-high-molecular-weight polyethylene (UHMWPE)

Dyneema is the trade name for UHMWPE made by the DSM company in the Netherlands.

Spectra is the trade name of UHMWPE made by Honeywell International Inc in the USA

What he said. I retract my earlier statement!

 Reply With Quote

08-21-2012, 14:14

#7

BER ◉

Senior Member

 Originally Posted by **Hiknhanger** ◉

Ex. 1028
Crüzr v. Tethrd

Join Date: Jul 2009

Location: USA

Posts: 1,604

What he said. I retract my earlier statement!

No, you were entirely correct. Samson uses Dyneema SK-75 fiber to make their Amsteel.

 Reply With Quote

08-21-2012, 14:35

#8

BER 

Senior Member

Join Date: Jul 2009

Location: USA

Posts: 1,604

Most commonly used cords here on HF:

Amsteel Blue: Made by Samson of Dyneema SK-75. 12 strand and spliceable. Available in multiple colors and diameters.

Dynaglide: Made by New England Ropes using Dyneema SK-75. Also 12 strand and spliceable. Only available in bright orange and green with slick/waxy coating. Only available in 2mm diameter. STS-12-75 (also made by NE Ropes) is a similar 2mm cord to Dynaglide but with a different coating more like Amsteel.

Lash-it/Zing-it: Made by Samson of Dyneema. I believe only 8 strand (might be wrong here). Spliceable. Only two diameters each (1.8 and 2.2mm). Lash-it is gray. Zing-it is yellow. Neither has a strength rating with a high enough safety rating for hammock hanging, but both are good for tarp lines and such.

Each of these cords are sold by multiple vendors.

Last edited by BER; 08-21-2012 at 14:52.

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08-21-2012, 18:07

#9

Jiffiboy 

Senior Member



Join Date: Jun 2012

Location: Castle Douglas, Scotland

Hammock: UKHammocks Woodsmanx

How do you know all this dude?

Ex. 1028
Crüzr v. Tethrd

Tarp: hilleberg tarp10ul**Insulation:** Pad and Down Bag**Suspension:** Whoopie slings**Posts:** 128 [Reply With Quote](#) 08-21-2012, 18:20

#10

MAD777 

Senior Member

**Join Date:** May 2009**Location:** White Mountains, New Hampshire**Hammock:** DIY, WBBB & Switchback**Tarp:** HG cuben,OES Spinn**Insulation:** DIY 3/4 UQ/TQ, UGQ**Suspension:** Dynaglide / Dutch**Posts:** 10,950**Images:** 39 Originally Posted by **Jiffiboy** *How do you know all this dude?*He's a hammock geek! 

Hang around here for awhile and you will be, too!

Mike
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By docmusolf in forum Fabrics

Replies: 4
Last Post: 08-21-2012, 14:14[AmSteel not known in the UK](#)

By britcoms in forum Suspension Systems, Ridgelines, & Bug Nets

Replies: 18
Last Post: 12-02-2010, 13:11

Ex. 1028

Crüzr v. Tethrd

what do i have? amsteel or amsteel blue?

By storm1 in forum Whoopie Slings

Replies: 12

Last Post: 05-05-2010, 21:05

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