

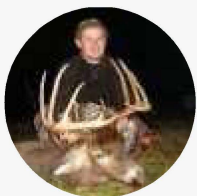

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Splicing rope?

flinginairos · Jan 12, 2016

◀ Prev 1 2 3 4 5 Next ▶



g2outdoors

Well-Known Member

Vendor Rep

Joined: Oct 3, 2014

Messages: 7,448

Location:

Savannah, GA

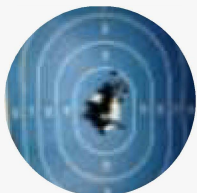
Jan 13, 2016

#21

flinginairos said:

That's exactly what I am gonna do. I think a tight spliced eye on each end would be sweet!

Yup I agree. It will be crazy strong, slide easily through my carabiner and weigh next to nothing. It's going to be the cat's pajamas.



kenn1320

Well-Known Member

Joined: Sep 15, 2015

Messages: 2,753

Jan 13, 2016

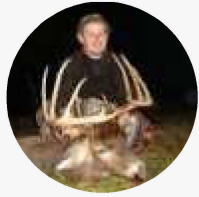
#22

g2outdoors said:

I'm going to pick up some 3/16 or 1/4 amsteel and splice in fixed eyes for my bridge.

You would hang from 1/4" and have no worries? I know you have extensive hammock background, maybe Im just gun shy. Id sit in a hammock hung up by that crappy clothes line rope, but wouldnt if the hammock was 20ft in the air.

Ex. 1110
Crüzr v. Tethrd

**g2outdoors**

Well-Known Member

Vendor Rep

Joined: Oct 3, 2014

Messages: 7,448

Location:
Savannah, GA

Jan 13, 2016

#23

kenn1320 said:

You would hang from 1/4" and have no worries? I know you have extensive hammock background, maybe Im just gun shy. Id sit in a hammock hung up by that crappy clothes line rope, but wouldnt if the hammock was 20ft in the air.

I think so. I know that 7/64 Amsteel will hold my body weight with no issues whatsoever. It breaks at 1,400 lbs. 1/4 Amsteel has a minimum strength of 7,700 lbs and an average strength of 8,600 lbs. The Bluewater assault line I currently use for my tether has a tensile strength of just over 7,600 lbs.

Even though the Amsteel at 1/4" doesn't look or feel as beefy as climbing rope, the science says it is. Off-roaders are using 1/4 Amsteel on their winches as a winch cable replacement. It's really impressive stuff. All that said, I would do extensive experimentation at ground level before going up.

**g2outdoors**

Well-Known Member

Vendor Rep

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Location:
Savannah, GA

Jan 13, 2016

#24

Look how strong the 3/16 Amsteel is and it's smaller than the 1/4" and only has a 5,400 lb break strength.

[youtube]dVI95hCtf8c[/youtube]

I know it doesn't look/feel strong when compared to the typical climbing rope, but Amsteel is the real deal. There's no reason we shouldn't embrace it.

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Jan 13, 2016

#25

I watched that video yesterday and was sold on it right away lol. Amazing stuff.

Sent from space



Jan 13, 2016

#26

Does anyone know what the melting point is of this stuff?

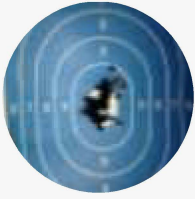
Ex. 1110
Crüzr v. Tethrd

DIYSaddler

Well-Known Member

Joined: Jul 22, 2015

Messages: 632

**kenn1320**

Well-Known Member

Joined: Sep 15, 2015

Messages: 2,753

Jan 14, 2016

#27

Wow! 😎

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

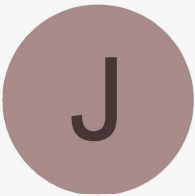
Jan 14, 2016

#28

kenn1320 said:

Wow! 😎

Feel any better about it after watching that? :lol:

**jhicks54**

Active Member

Joined: Apr 12, 2014

Messages: 171

Jan 14, 2016

#29

The reason I like to use a fid is because the fid is a template for the length and taper of the tail.....No guess work, or calculating.

**flinginairos**

Well-Known Member

Vendor Rep

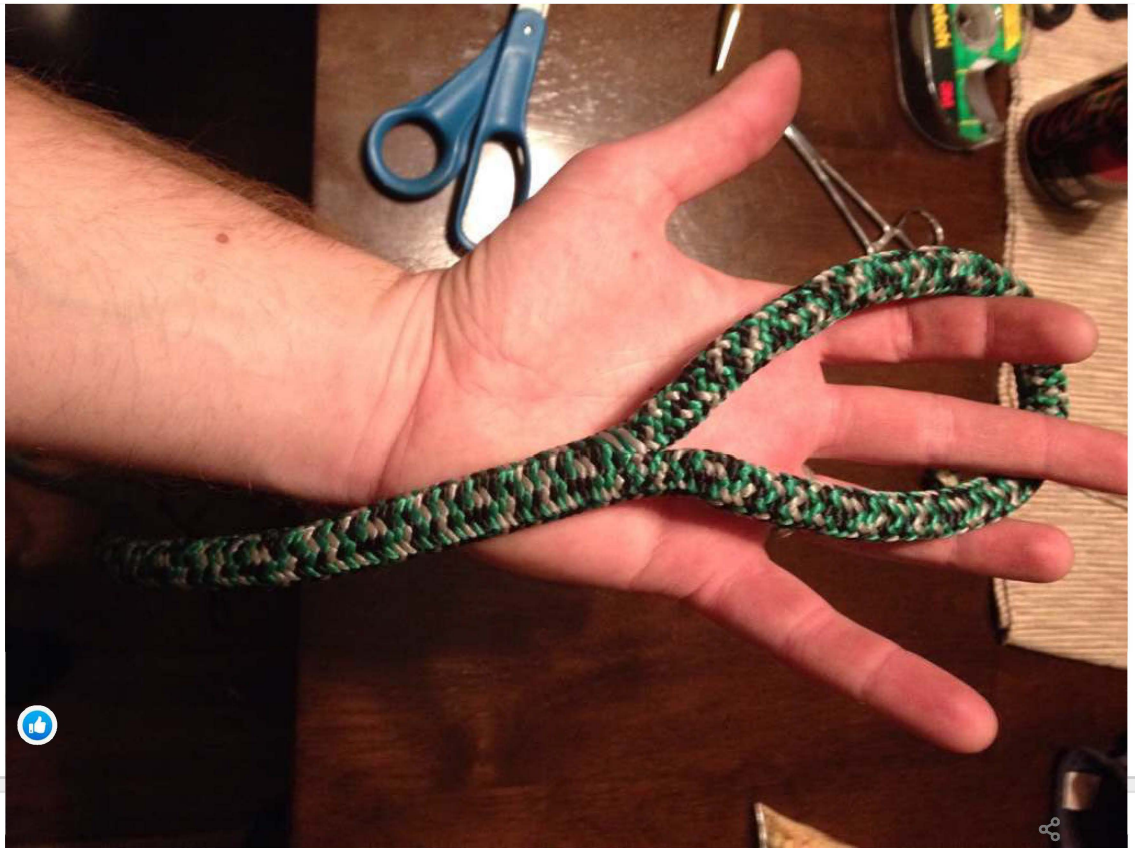
Joined: Sep 19, 2014

Messages: 3,939

Jan 16, 2016

#30

Well after watching lots of videos and reading about it I dived right in. Did my first eye splice on my Yale Bandit tether. It really wasn't hard but took a bit of muscle to bury the splice!! I can see this being addicting to do haha!



Amsteel is very easy to work with. From looking at your rope, I would guess a lot easier than the Yale.
Sent from space



g2outdoors

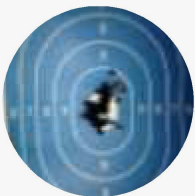
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Vendor Rep

Joined: Oct 3, 2014

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Savannah, GA



kenn1320

Well-Known Member

Joined: Sep 15, 2015

Messages: 2,753

Jan 16, 2016

#32

Yale is a hollow braid? I thought you could only splice hollow braid?



Jan 16, 2016

#33

kenn1320 said:

Yale is a hollow braid? I thought you could only splice hollow braid?

Ex. 1110
Crüzr v. Tethrd

flinginairos

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014
 Messages: 3,939

This is a different technique. It's a double braid. Look up Yale Blue moon splicing on YouTube that rope is the same construction as Bandit and Blaze. I just did another one I'm worn out now LOL

Sent from space

 Plinker22
**kenn1320**

Well-Known Member

Joined: Sep 15, 2015
 Messages: 2,753

Jan 16, 2016

 #34

OK, yes I know of braiding an eye loop, but thought you somehow burried the end on a rope with a core. :lol:

Looks like you did an awesome job on your first one. 😎

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014
 Messages: 3,939

Jan 16, 2016

 #35

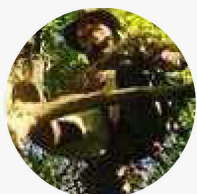
kenn1320 said:

OK, yes I know of braiding an eye loop, but thought you somehow burried the end on a rope with a core. :lol:

Looks like you did an awesome job on your first one. 😎

You pull the core out at a certain mark, bury the cover into the core and then that back into the cover and milk the cover back over where the two meet. It's a little confusing at first but not too bad to do. It will take some practice but I am real happy with how it turned out!

Sent from space

**DIYSaddler**

Well-Known Member

Joined: Jul 22, 2015
 Messages: 632

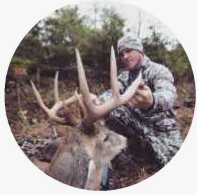
Jan 16, 2016

 #36

flinginairos said:

Well after watching lots of videos and reading about it I dived right in. Did my first eye splice on my Yale Bandit tether. It really wasn't hard but took a bit of muscle to bury the splice!! I can see this being addicting to do haha!

Dude that's great! Now you should load test it. Let the post season crafting begiiiiiiin!

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Jan 16, 2016

#37

DIYSaddler said:

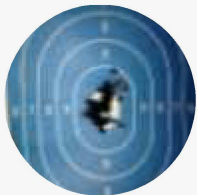
flinginairos said:

Well after watching lots of videos and reading about it I dived right in. Did my first eye splice on my Yale Bandit tether. It really wasn't hard but took a bit of muscle to bury the splice!! I can see this being addicting to do haha!

Dude that's great! Now you should load test it. Let the post season crafting begiiiiiiin!

Was hanging from it jumping up and down. Didn't budge a bit lol. Not sure how else to test it short of hooking it to my truck. Hmmm..... Haha

Sent from space

**kenn1320**

Well-Known Member

Joined: Sep 15, 2015

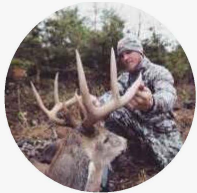
Messages: 2,753

Jan 16, 2016

#38

I couldnt understand why they charged so much to eye splice rope, now I see its very labor intensive. Even with this cool tool, it seems to be challenging.

<https://www.youtube.com/watch?v=jYemvQlrIEU>

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Jan 16, 2016

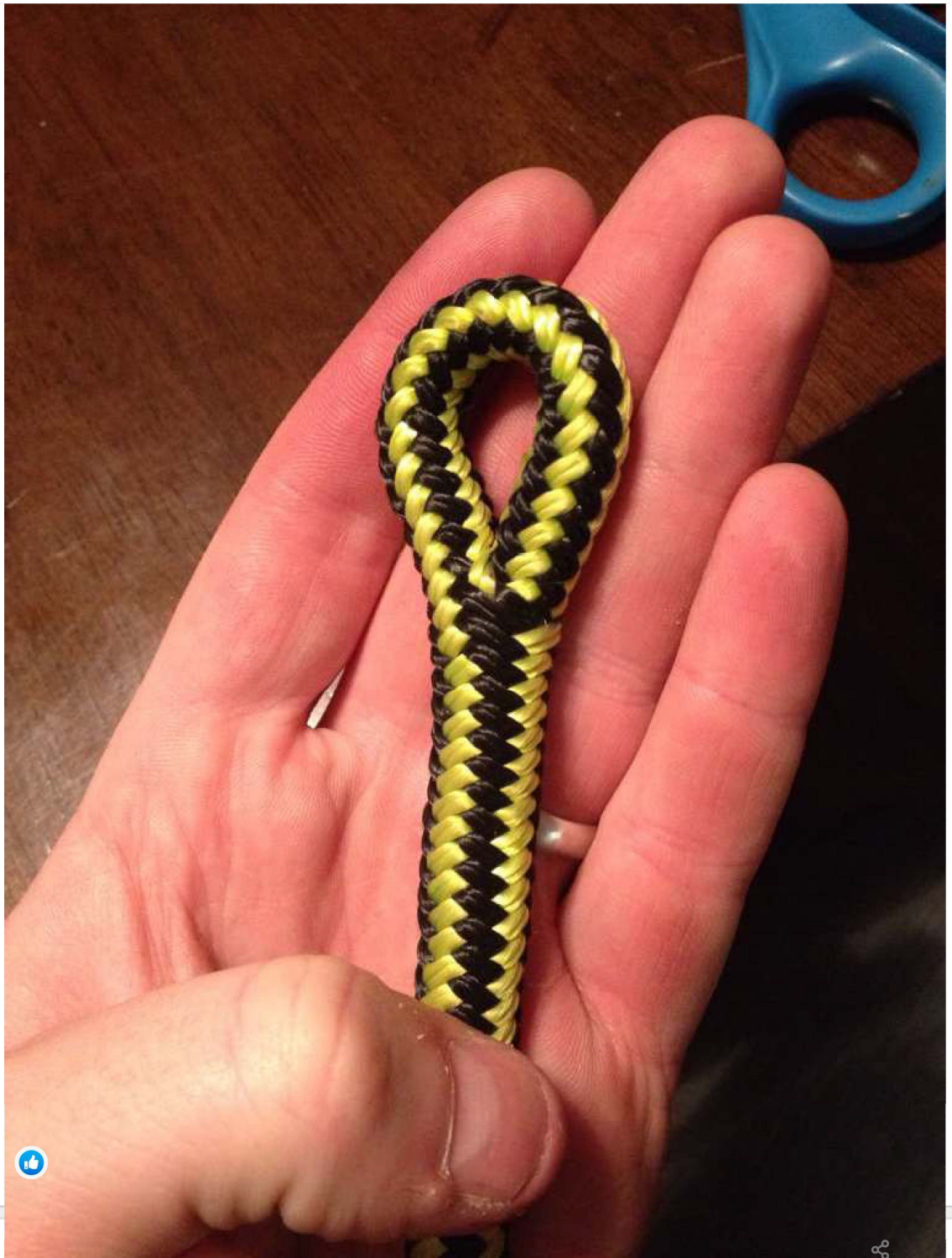
#39

kenn1320 said:

I couldnt understand why they charged so much to eye splice rope, now I see its very labor intensive. Even with this cool tool, it seems to be challenging.

<https://www.youtube.com/watch?v=jYemvQlrIEU>

It certainly isn't easy. The method itself isn't complicated but getting the splice buried at the end will about wear you out lol. I did two more. My hands hurt and I have blisters, but I'm happy with my efforts!



DIYSaddler

Well-Known Member

Joined: Jul 22, 2015

Messages: 632

flinginairos said:

Was hanging from it jumping up and down. Didn't budge a bit lol. Not sure how else to test it short of hooking it to my truck. Hmmm..... Haha

I did a sewn eye on my climbing rope. First test myself 220lbs and a coworker 120lbs hanging and bouncing on it. Then I setup a climb in the park with a 60' throw in where the first part of the tree I could touch was over 40'. At about 30' I started looking up at my sewing job and then back down at the ground, back at my sewing, and back down at the ground. At this point I decided not testing was needed. Ex. 1110 Cruz v. Tethrd

Back to work.

I kidnapped one of my second shift employees who if a bit on the hefty size to repeat the experiment. So we went out to the parking lot and I set the rope in one of the trees a island. After the hook up and the obligatory bouncing I casually ask how much he weighed just to make sure I had a good test. When he told me it was all I could do to keep my jaw attached to my face. The answer 430lbs! 650 lbs total I now trust my sewn eye.

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[◀ Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next ▶](#)

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