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strongest type of rope for prusik hitch?



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Thread: strongest type of rope for prusik hitch?

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04-03-2014, 21:22

#1

surfsmith

New Member

Join Date: Apr 2014

Location: utah

Posts: 5

strongest type of rope for prusik hitch?

What is the strongest type of rope to use when suspending your hammock off a ridge line using prusik hitch? In other words what kind of rope should i use to tie my hammock to a ridge line that is tied to two trees? I weigh about 170 lbs i just want some kind of rope that can easily bear my weight and works using a prusik hitch.

thanks

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04-03-2014, 21:48

#2

gmcttr

Senior Member

Join Date: Jan 2011

Location: IN

Hammock: WBRR, Lots of DIY**Tarp:** MacCat; Cloudburst**Insulation:** Lynx, HG T/UQ, AHE**Suspension:** Varies

Posts: 8,464

What rope are you using for the ridgeline?

Also be sure to use tree straps rather than attaching the rope directly to the trees.

HF Terms of Service - Acronyms

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04-03-2014, 21:56

#3

Phantom Grappler ◊

Donating Member



Join Date: Mar 2014

Location: Denton NC

Hammock: WildernessLogics 12x6**Tarp:** HG cuben 13ridge12**Insulation:** TopQuiltUnderQuilt**Suspension:** S and D

Posts: 5,234

Surfsmith. You might try 1/8 amsteel for both ropes. I don't know how many wraps will keep prusik from sliding. If your ridge line is tight flat there is way more stress on the trees and rope than your weight. Read and study as many threads on Hammock Forums about single line suspensions and 30degree optimal hang angle Also arborists use tree climbing ropes that are as strong as amsteel but less slippery and more likely to hold a prusik

A prusik is more likely to hold if the prusik rope is smaller diameter than ridge line rope
Pioneers of single line suspension have used marlins spike hitches or alpine butterfly loops to secure hammocks to single ridgelines
An alpine butterfly loop can be easy to untie if you place a polished toggle in with the loop through the knot. Then to untie remove toggle and knot is loose

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04-03-2014, 22:03

#4

surfsmith ◊

New Member

Join Date: Apr 2014

Location: utah

Posts: 5

plan on getting a climbing rope for the ridgeline I'm new to climbing so I'm a noob trying to understand ropes and their weight capacities.

amsteel seems like the way to go from the forums.

thanks a ton guys learning as i go.

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04-03-2014, 22:04

#5

Phantom Grappler ◊

Donating Member



Join Date: Mar 2014

Location: Denton NC

Hammock: WildernessLogics 12x6**Tarp:** HG cuben 13ridge12

Good luck Surfsmith

Half the fun is hiking your own hike. After you go to a group hang you will see all kinds of great set ups that work and everyone will be glad to talk about their gear

Insulation: TopQuiltUnderQuilt

Suspension: S and D

Posts: 5,234

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04-03-2014, 22:12

#6

Phantom Grappler 

Donating Member



Join Date: Mar 2014

Location: Denton NC

Hammock: WildernessLogics 12x6

Tarp: HG cuben 13ridge12

Insulation: TopQuiltUnderQuilt

Suspension: S and D

Posts: 5,234

Surfsmith have you watched Shug Hammock Tutorial on YouTube and Hammock Forums

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04-03-2014, 22:14

#7

surfsmith 

New Member

Join Date: Apr 2014

Location: utah

Posts: 5

no ill check it out

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04-03-2014, 22:56

#8

VictoriaGuy 

Senior Member

Join Date: Jul 2013

Location: Victoria, BC

Hammock: Exped Ergo

Tarp: Exped Combi

Insulation: Sleeping bag+pad

 Originally Posted by **surfsmith** 

plan on getting a climbing rope for the ridgeline I'm new to climbing so I'm a noob trying to understand ropes and their weight capacities.

Climbing rope is stretchy under load....probably not what you want with your idea of a very tight line stretched between trees and then the hammock attached to that with prussik knots. 

Ex. 1040

strongest type of rope for prusik hitch?

Suspension: Eyelet line+ biner

Posts: 1,468

use that system for my tarp but not for suspending the hammock.)
What type/diameter of climbing rope were you thinking of using?
Amsteel is strong but slippery.

You can try any method you like, but I think you will have a lighter, stronger suspension system if you use a more 'standard' way - hammock attached at each end to suspension lines/webbing going to tree straps. YMMV, HYOH, etc...

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04-04-2014, 03:31

#9

elef 

New Member

Join Date: Jul 2012

Location: Hungary

Posts: 36

There are both stretchy (dynamic) and non-stretchy (static) climbing ropes out there. I question the usefulness of the "tight rope & prusiks" suspension scheme. You're putting extra stress on your ropes and invite extra trouble with the prusiks for no discernible benefit. The traditional suspension method makes more sense to me: ridgeline fixed to the hammock and suspension from each end of the hammock to the tree. You can make the ridgeline adjustable if you want to play with various amounts of sag.

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04-04-2014, 09:43

#10

Firesong 

Senior Member



Join Date: Mar 2014

Location: Saskatoon, Sk. Canada

Hammock: Warrior Edge UL - LSoH

Tarp: 'Razor' Hex - LSoH

Insulation: LSoH Toaster TQ/UQ

Suspension: Various

Posts: 1,211

I was wondering about this as well. I have some amsteel to go between trees (was looking in the climbing static line and the guy mentioned it since they having sailing line too) then picked up some 4 mm and 3 mm accessory cord. The 3 mm malory excel pro Is rated at 420 lb average breaking weight. So I'm going to run the ridge line of amsteel and two prussiks to connect the hammock to. Allows me to slide the hammock where I want it thoughts?

[Little Shop of Hammocks](#)

Canada

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Ex. 1040

Grüß v. Tethrd

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