

# BUCKINGHAM MFG.

## USE INSTRUCTIONS / WARNINGS Prusik Loop - P/N P7J / P9J Series

### Use Instructions

P/N P7J / P9J Series Prusik Loops, may be used on a rope lanyard as an adjuster or on a climbing line as a friction hitch. **NOTES : Rope Lanyard and Climbing Line rope diameter must be equal to or greater than that of the material used in the manufacture of the P/N P7J / P9J Series Prusik Loops.**

**The type of rope affects how the Prusik will work, so it is important to test rope on rope combinations before using.**

The sketches below illustrate the method of tying a Prusik Knot using the P/N P7J / P9J series Prusik Loops. The terminating loops of the P/N P7J / P9J Series Prusik Loops are intended for attachment by a carabiner. For purposes of clarity, this hardware is not shown.

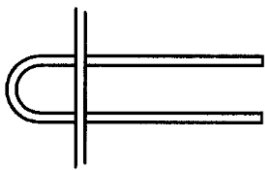


fig. 1

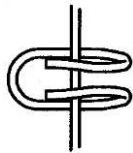


fig. 2

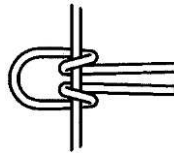


fig. 3

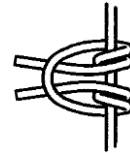


fig. 4

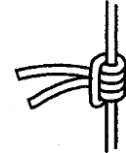


fig. 5

### **Tying the Prusik Knot for Use on Rope Lanyards:**

- Step 1 Bend the P/N P7J / P9J Series Prusik Loop in half and pass the loop behind the line as shown in fig. 1.
- Step 2 Pass both free ends of the loop over the line and back down through the opposite end of the loop (fig. 2 & 3).
- Step 3 Continue to make one more turn around the line (fig. 4).
- Step 4 Tighten the knot around the line as shown in (fig. 5).
- Step 5 Attach carabiner meeting the requirements of ANSI Z359.12 through the two loop ends.

### **Tying the Prusik Knot for Use on Climbing Lines:**

- Step 1 Follow instructions above to fig. 4.
- Step 2 Continue to add another turn around the climbing line as shown in fig. 4a.
- Step 3 Tighten the knot around the climbing line (fig. 5a).  
(When using the P/N P7J / P9J Series Prusik Loop with a Climbing Line, it is imperative that the Prusik Knot have 6 coils as depicted in fig. 4a and 5a)

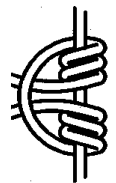


fig. 4a

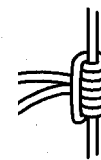


fig. 5a

**NOTE:** After tying Prusik, it must be tested on intended rope lanyard or climbing line to ensure compatibility before use.

Continued Over

## Warnings

- ◆ This equipment is intended for use by properly trained professionals only. Do not use without proper training.
- ◆ KNOW and FOLLOW ANSI Z133 -17 for Tree Care Operations.
- ◆ Fall protection equipment, (i.e. fall arrest, work positioning belts, retrieval, suspension etc.) should not be resold or provided to others for re-use after use by original user as assurance can not be granted that a used product meets criteria of applicable standards and is safe for use to a subsequent user.
- ◆ This product is designed to be used by a person with a maximum weight of 350 lbs. when fully equipped.
- ◆ Be certain this equipment is suitable for the intended use and work environment. If suitability for intended use is in doubt, consult a safety engineer or contact Buckingham Mfg. before using.
- ◆ This product is to be used for positioning and suspension only, **NOT FOR FALL ARREST**. Therefore, it may be necessary to supplement arrangements for work positioning / suspension with collective means (i.e. safety nets) or personal means of protection against falls from a height (i.e. fall arrest system).
- ◆ When using the P/N P7J / P9J Series Prusik Loop with a Climbing Line, it is imperative that the Prusik Knot have 6 coils as depicted in fig. 4a and 5a of the Instructions.
- ◆ Connecting devices must be destroyed if subjected to impact loading.
- ◆ Always attach snap hook / carabiner to proper anchor point and to proper fall arrest attachment of belt or harness.
- ◆ As outlined by OSHA 1926.502 (e)(2) positioning devices shall be secured to an anchorage capable of supporting at least twice the potential impact load of an employee's fall or 3,000 lbf. (13.3 kN), whichever is greater versus fall arrest anchor points which must support a minimum of 5,000 lbf. (22.2 kN) per attached worker and be Independent of worker support.
- ◆ OSHA requires that impact force in a fall NOT exceed a 1800 lb. limit with a harness. Keep connecting device slack to a minimum or use a deceleration unit to stay under these limits.
- ◆ Avoid contact of this equipment with high temperature surfaces, welding or other heat sources.
- ◆ Use PPE equipment only for the specific purpose for which it is designed and intended.
- ◆ Always visually check that snap hook / carabiner freely engages D-ring or anchor point and keeper / gate is completely closed with each use. Never rely solely on the feel or sound of a connector engaging.
- ◆ Use only with belt or harness meeting standards for intended use.
- ◆ Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. Co. may make repairs / modifications to this equipment.
- ◆ Before each use, check that your equipment is free of burns, cuts, abrasions, kinks, knots, broken strands and excessive wear. Remove from service, destroy and discard equipment if it does not pass this inspection and replace immediately.
- ◆ For personal use only. NOT for towing or hoisting.
- ◆ Never work without independent fall-arrest protection if there is danger of a fall.
- ◆ Employer - instruct employee as to proper use and warnings before use of equipment.
- ◆ Completely read, understand, and follow all instructions, warnings, and guidelines pertaining to this and all associated equipment before use. Failure to do so could result in your serious injury or death.
- ◆ Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.
- ◆ Manufactured to comply with the ANSI Z133-17 Standard.

**NOTE:** Ensure proper fit / size of product before use. This product can not be returned unless it is in new / unused condition.

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