



SMC Micro Prusik Minding Pulleys
NFPA153000/1—Single
NFPA154000/1—Double



SEATTLE MANUFACTURING CORPORATION

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Looking for a well-built, small pulley that has plenty of capacity and performs well? The SMC Micro PMP's (singles and doubles) are probably what you need. These are the smallest of the Prusik Minding Pulleys made by SMC, but don't let their small size cause you to question their performance! These pulleys are designed and manufactured to the same high quality standards as our full-sized PMPs.

The wide base design maximizes the effectiveness of a Prusik hitch while a unique side plate formation allows the use of larger ropes in a compact pulley. An oversized bell-shaped top hole accepts a large rescue carabiner or multiple small carabiners. The single can be rigged with 2 carabiners in a way that the 2nd carabiner serves as a Becket. Solid side plates help prevent foreign object access and reduce snagging and are precisely tensioned for easy one-handed operation and secure placement at any point along the rope. Sealed ball bearings provide optimal efficiency and reduce the performance-robbing resistance that is inherent in most multiple component systems and are not prone to failure under misaligned loads or with twisted gear that may occur with needle bearings. The Single comes with either Red/Grey or Tactical Black side plates while the Double comes with either Gold/Grey or Tactical Black side plates.



SPECIFICATIONS

Model #:	NFPA153000/1	NFPA154000/1
Type:	Single	Double
Axle:	Ball Bearing	Ball Bearing
Dimensions:	3.75" x 2.55" x 1.12"	4.65" x 2.55" x 1.81"
Material:	High Quality Aluminum	High Quality Aluminum
Weight:	3.5 oz (99.2 g)	5.8 oz (164.4 g)
Max. Rope:	1/2" (13mm)	1/2" (13mm)
Sheave:	1-3/8"	1-3/8"
3 Sigma MBS:	4,946 lbf (22kN)	10,566 lbf (47kN) Beckett 4,496 lbf (20kN)

Certified by Underwriter's Laboratories to meet the NFPA 1983 (2006 edition) "L" - Light Use requirement of 22kN.

All SMC NFPA products are stamped with the required certification information and the user information is enclosed with each item as required by NFPA.

APPLICATIONS-

- Mountain & Urban Rescue
- Fire Department
- Mountaineering & Caving
- Tactical—Military & Law Enforcement

PLEASE READ WARNINGS AND IMPORTANT INFORMATION ON OTHER PAGE



SMC Micro Prusik Minding Pulleys FEATURES AND BENEFITS

- UL certified to NFPA 1983 (2006 ed.) “L” Light Use as required by most government and private agencies.
- Use high efficiency sealed ball bearings and are designed to function flawlessly under conditions that would shut down lesser grade pulleys. Sealed ball bearings provide optimal efficiency, reducing the performance-robbing resistance inherent in most multiple component systems and are not prone to failure under misaligned loads or with twisted gear that may occur with needle bearings.
- Side plates are precisely tensioned and for easy one-handed operation and secure placement at any point along the rope.
- Matched double-bend side plates help to eliminate compression under load and the resulting friction on rope or sheave.
- Low profile fasteners help to reduce snagging and hanging up when pulley is being moved.
- Wide base design works most efficiently with Prusik cords of up to 8mm.
- Oversized top hole is designed for use with multiple carabiners. Single may be rigged with 2 carabiners in such a way that the 2nd carabiner may serve as a Becket.
- The double version features a Becket that facilitates rigging compound pulley systems. The Becket hole will accept large rescue carabiners.
- Available in Tactical Black version for military and/or theatrical applications.

Minimum Breaking Strength—3 Sigma Test

The Minimum Breaking Strength of all SMC products are calculated using the 3 Sigma Rating System which indicates that 99.73% of the products tested will break at loads above the MBS. SMC products that are certified by Underwriter’s Laboratories as meeting NFPA requirements are labeled with the applicable NFPA rating. Typically the SMC 3 Sigma MBS will exceed the labeled NFPA rating.

CARE, MAINTENANCE and RETIREMENT SCHEDULE NEEDS

Always inspect your pulleys before each use and periodically while in storage. The user, depending upon their specific environment and storage methods, must determine the period between inspections. Inspect for warping, cracks, deep gouges and worn areas, making sure that what may appear to be a scratch is not actually a crack. Look for sharp edges or rough areas that might abrade a rope. Check screws and nuts to make sure they have not loosened. After each use, remove all dirt from side plates and sheaves and allow pulley to dry in a warm place before storing. SMC pulleys will continue to provide reliable performance only when used safely and properly maintained and stored. It is also suggested that the user of this pulley maintain a permanent record listing the date and results of every usage inspection.

We recommend the regular inspection of all rescue equipment and strongly suggest retiring gear when any of the following applies:

- 1) Regular inspection reveals warping, cracks, deep gouges or any wear.
- 2) It is physically damaged or no longer functions as when new.
- 3) It has been subjected to an abnormally high loads, such as in a fall or exposed to heat sufficient to alter its surface appearance.
- 4) You are not completely satisfied that it meets the needs of its intended use.
- 5) The history of the gear is unknown or otherwise in question.

WARNING/DISCLAIMER

SMC products designed strictly for rescue, mountaineering or rock-climbing. All of these activities are inherently dangerous therefore any person using these items must obtain qualified instruction prior to using them in any manner. Any person using these items is responsible for their own decisions and actions.

**FAILURE TO HEED THIS WARNING or FOLLOW INSTRUCTIONS
CAN CAUSE SERIOUS INJURY OR DEATH.**

A trusted partner...quality gear for life.

Expert climbers and rescue personnel agree on one thing...there is no better product to count on than one that was made by SMC. Founded in 1967, SMC has a well-deserved reputation for designing and building the best products of un-compromised quality and reliability.

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