

# Instructions > PMI Advantage



The PMI Advantage provides the protection you need working in a vertical rope world. It features a Kevlar shell giving your head maximum protection. It meets ANSI Z89.1, Type 1 and is NFPA certified. Fully adjustable three point chinstrap and ratchet system provide a perfect fit.

**Weight:** 1.25 lbs (567 g)

## REMOVAL FROM SERVICE

If any of the following occur, this helmet must be removed from service and destroyed:

- If the helmet received a significant impact.
- If the helmet shows cracks that are more than superficial.
- If any part of this helmet shows significant damage or excessive wear.
- If the helmet is has been visibly damaged by heat, chemicals, etc.
- If this helmet has been in service for 5 years, regardless of condition.
- If this helmet cannot be properly adjusted.

**CERTIFIED** | NFPA 1951, 2007 . ANSI Z89.1, Type 1

## INSPECTION

Inspect the helmet for obvious damage. Check the shell for cracks and dents. Minor surface cracks will not impair the effectiveness of this helmet. Check the webbing and buckles for damage or excessive wear.

## MAINTENANCE AND CARE

This helmet should be assigned to a single user who is responsible for inspecting it after each use. Make sure that the surface of the helmet has no dents or significant cracks. Inspect the webbing and buckles for damage or excessive wear. If needed, wash the helmet with clear water or a mild soap, such as PMI Rope Soap. Ordinary laundry detergent, or solutions that may contain bleach, should not be used on life safety gear.

Air dry in a cool, dry place out of direct sunlight. Store the helmet in a cool place where it will be protected from exposure to potentially damaging chemicals. Repair or modification of this product without the manufacturers written consent is strictly forbidden. You should establish a record of the inspections of this equipment. You may need to develop your own inspection log format depending on your needs.

## WARNING

This helmet is not designed to provide protection from the following hazards: non-ionizing radiation, ionizing radiation, external radiation or any condition not expressly stated in this use information.

## HELMET TECH INFO

A comfortable, well-fitting helmet that is designed specifically for vertical work is essential. Helmets must have a secure chin strap and a three-point suspension to keep the helmet on the head when it is needed most. A three point suspension refers to a helmet with webbing support points on both sides of the helmet and one at the rear. The chin strap should also be designed so that a relatively high force is required to cause a release. This helps keep the helmet on the user's head in a tumbling fall. The inside suspension of the helmet should hold the shell away from the skull during a blow to the helmet and should provide air circulation and comfort, particularly during hot weather. The shell should have the rigidity to resist impact to the helmet and penetration by sharp objects but be flexible enough to absorb some of the blow that otherwise would be directly transmitted to the skull and spine.

The design of the helmet should protect the head against objects falling from above and hitting from the side. A slight brim helps prevent rainwater or spray from dripping into your face. However, your helmet should have a narrow enough profile to allow you a good upward field of vision and to ensure that the back of the helmet does not catch on a backpack when you raise your head.

## CAUTION

Use this PMI Helmet only if you have been properly trained by an instructor who is well qualified in all phases of vertical rope work. Good instruction includes evaluation of the students comprehension of and ability to safely and efficiently perform the task(s) being taught.

## PMI LIMITED WARRANTY

PMI products are warranted to the original retail purchaser to be free from defect in material and workmanship for a period of one year. PMI will repair or replace the item without charge provided inspection at our factory discloses no misuse or alteration, which, in our judgment, has affected the condition or functioning of the product. All implied warranties imposed by law in connection with the sale of PMI products are also limited in duration to a period of one year. PMI expressly excludes and shall not be liable for any consequential damages arising out of any breach of the express or implied warranties on sales of PMI products. Because of the high risks involved in high angle rope work such as, but not limited to, rescue, rope access, caving, rappelling, rock climbing and mountaineering, no further warranties exist or are implied by PMI. Regulations issued under the Magnuson-Moss Warranty Act require us to include the following statement: some states do not allow limitations on how long an implied warranty lasts nor the excluding or limitation of incidental or consequential damages, so the above limitations may not apply to you.

