



PROTECTIVE INDUSTRIAL PRODUCTS

A LOGICAL ADVANCEMENT IN HEAD PROTECTION

www.pipusa.com

FEATURING



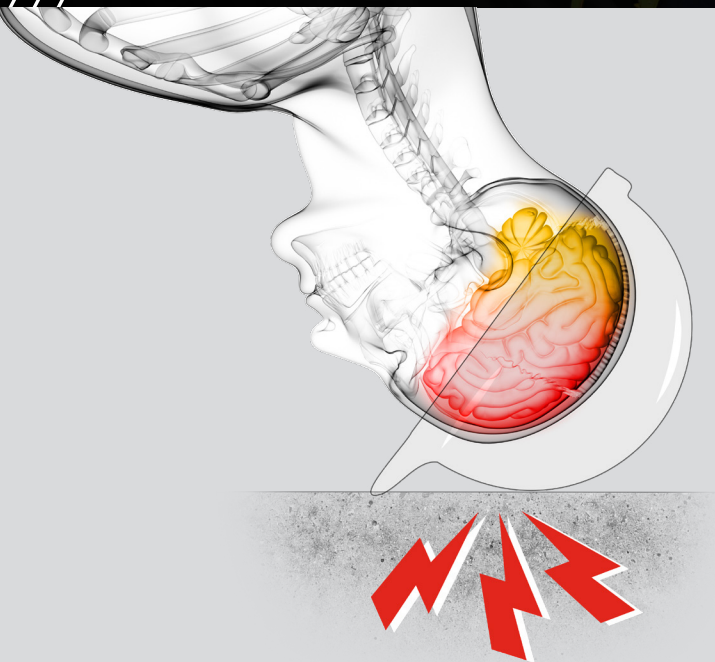
For nearly 100 years the basic purpose of hard hats has remained the same – to help protect the head against impacts from falling objects from above.

While this is still critically important for construction and maintenance workers, data is now telling us that:

NEARLY 60% OF HEAD INJURIES

ARE CAUSED BY FALL ACCIDENTS
FROM HIGHER LEVELS
OR FALLS ON THE SAME LEVEL

IT'S TIME TO MOVE FORWARD



The Science of Head Injury

CONCUSSIONS AND TRAUMATIC BRAIN INJURIES ARE COMMONLY THE RESULT OF ROTATIONAL FORCE AND STRAIN TO THE BRAIN.

Injury statistics demonstrate that when someone trips on a level surface, they are more likely to fall at an angle instead of directly on top of the head. This is due to the forward energy of motion that may extend to the head when hitting the hard ground surface. Over the past few years, science has shown that our brains are very sensitive to rotational forces.

IN THIS SCENARIO, CONVENTIONAL HARD HATS WITHOUT A CHIN STRAP WOULD LIKELY FLY OFF. A CHIN STRAP HELPS, BUT IS IT ENOUGH?

PIP® Rocky™ - Mips®

BY INTRODUCING THE MIPS® SAFETY SYSTEM INTO THE ROCKY™ SAFETY HELMET WE ADVANCE HEAD PROTECTION WITH LOGIC



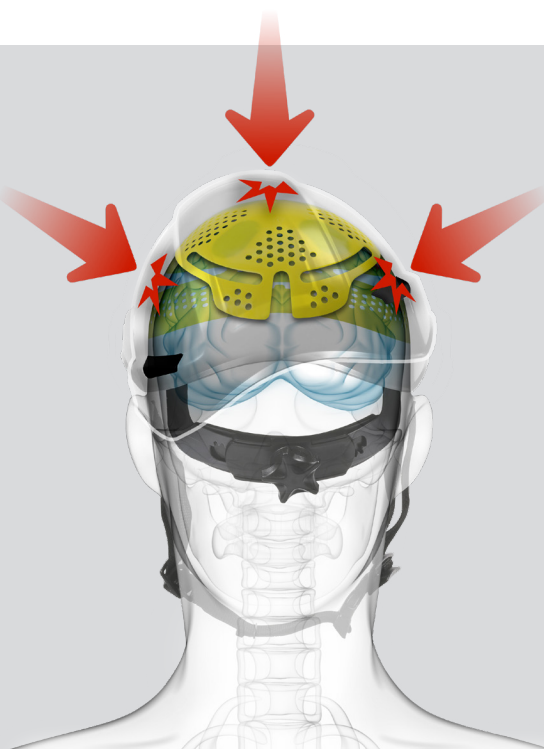
ANSI Z89.1	CSF Z94.1	IMPACT TYPE II	ELECTRICAL CLASS E
----------------------	---------------------	--------------------------	------------------------------

280-HP142RM

- Safety helmet design was inspired by climbing helmets that make use of a chin retention strap to keep the helmet securely in place when hit at different angles
- Adding a low friction layer on the inside designed to help reduce the risk of injury
- Super lightweight ABS/Polycarbonate shell for wearer comfort



STYLE NUMBER	SIZE ADJUSTMENT	COLOR	SHELL	ANSI Z89.1	CSA Z94.1	ELECTRICAL CLASS
280-HP142RM-01	Sure-Lock Wheel Ratchet	White	ABS / Polycarbonate	Type II	Type 2	Class E
280-HP142RM-02	Sure-Lock Wheel Ratchet	Yellow	ABS / Polycarbonate	Type II	Type 2	Class E
280-HP142RM-11	Sure-Lock Wheel Ratchet	Black	ABS / Polycarbonate	Type II	Type 2	Class E



Mips® Introducing Mips® Technology

A LOW FRICTION LAYER DESIGNED TO HELP REDUCE THE SEVERITY OF HEAD INJURIES

- > At impact the Mips® Safety System is designed to help reduce the amount of rotational force transferred to the head by redirecting the forces that are generated by the impact
- > The Mips® Safety System allows for a 10-15 mm relative movement between the helmet and the head during the critical first 5-10ms of the impact
- > It is not uncommon that the point load on the head/helmet at impact is at 2,200 lbs. – the Mips® Safety System is designed to allow the helmet to move even under this kind of pressure



PROTECTIVE INDUSTRIAL PRODUCTS, INC.

968 Albany Shaker Road | Latham, NY 12110

518-861-0133 | 800-262-5755

sales@pipusa.com | www.pipusa.com