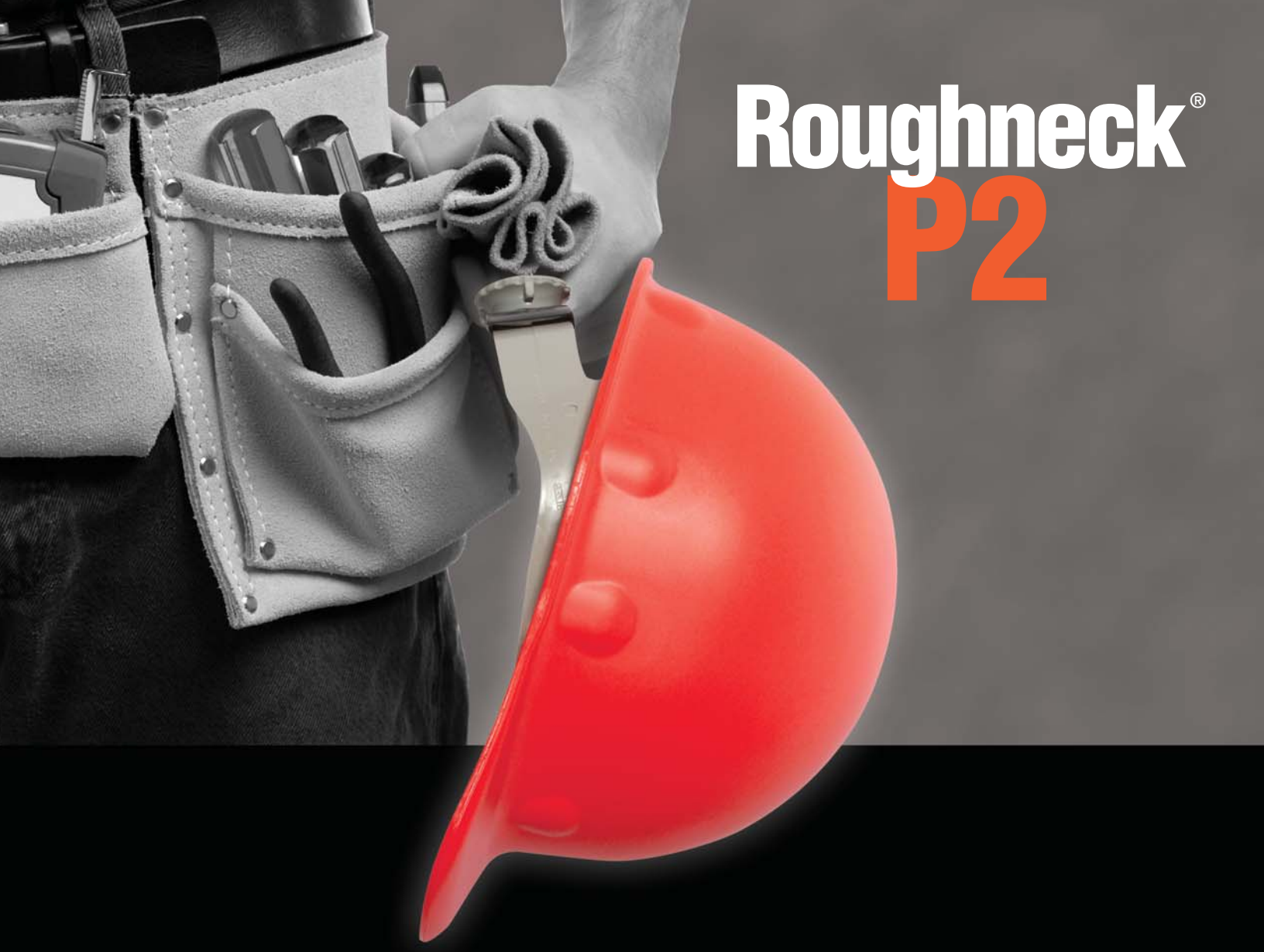


Roughneck® P2

Heavy Duty Head Protection

P2

FIBRE-METAL® by Honeywell

ROUGHNECK

Roughneck® P2

Fibre-Metal® Roughneck Protective Caps

Fibre-Metal Roughneck caps with the SuperEight® suspension are the industry standard for heavy duty protection. Built for strength, toughness and durability, the Roughneck P2 series of injection-molded fiberglass caps have earned a solid reputation on construction sites, in steel plants, foundries, forges, fabrication shops, chemical plants and other extreme jobsite environments.

Available in two versions to meet a variety of workplace conditions, Roughneck caps are built to provide exceptional crack resistance and handle hard knocks in the toughest places – without developing the nicks and cracks seen in other fiberglass caps.

Roughneck P2A:

The P2A series tolerates heat up to 370° while delivering a long service life under many adverse conditions.

Roughneck P2HN:

The P2HN series is designed for high performance at extremely elevated temperatures up to 500°. In these extreme environments, air circulating over the sweatband lowers the temperature inside the cap – an important comfort feature in high heat applications.

Roughneck Features:

- Proprietary injection-molded fiberglass compound offers exceptional impact and crack resistance and is eight times stronger than common high density polyethylene (HDPE) cap shells.
- Best-in-class heat resistance. Meets ANSI-Z89.1-2009 impact resistance tests at extreme temperatures of up to 370°F (P2A) and up to 500°F (P2HN).
- Solid color resin provides a permanent, no-chip, no-peel finish. Available in nine popular colors.
- Smooth, matte finish makes logo imprints crisper and cleaner, so your official company caps look better and last longer.
- The technically-advanced SuperEight suspension balances and spreads weight over a wide area for added comfort and impact protection.
- Available with the famous Fibre-Metal non-slip/non-strip ratchet, SwingStrap™ or TabLok™ headgear.
- Ready to use with the industry's most versatile Quick-Lok® or Speedy® Loop helmet attachment system for faceshields and welding helmets.
- For added assurance of performance, all Roughneck caps are factory-assembled and SEI third-party certified to meet ANSI Z89.1-2009 Type I Class G (including Quick-Lok® model) and CSA Z94.1-2005 Type I Class G or C (Class C for Quick-Lok® model) in both forward and reverse.

TAKE A CLOSER LOOK

See the Difference Quality Makes

Protective Performance and Personalized Fit

When it comes to selecting a cap, protective performance should be the number one consideration, but wearer comfort is a very close second. Uncomfortable caps will not be worn. Fibre-Metal® caps provide extraordinary comfort through quality components and their ability to provide a personalized fit.

Exclusive Smooth Crown Design

Unlike competitive designs, which require reinforced ribs, ridges and slots to perform adequately, the smooth crown design of the Roughneck® cap eliminates the risk of trapping a falling object, which can adversely affect the impact reduction capability of a protective cap. Its appealing design also increases wearer acceptance.

SuperEight® Suspension and Impact Energy Control System

The technically-advanced SuperEight suspension, with its eight load-bearing points, balances and spreads weight over a wide area for added comfort. If impacted, the SuperEight suspension becomes an impact energy control system that reduces force by breaking it down into smaller increments for each load bearing point to handle while spreading it over a greater area. The Fibre-Metal smooth crown shells and eight-point Impact Energy Control System interact with complete precision for exceptional performance unattainable in ordinary caps.

How the SuperEight System Works

- **Smooth shell flexes/deflects**
  On impact, the smooth shell flexes, absorbing and dissipating some impact energy. Because there are no ribs, ridges or slots to trap impacting objects, they are deflected away.

- **Suspension loading**
  Reduced impact energy is passed to the suspension system at eight scientifically determined points around the cap.

- **Impact energy dispersal**
  The eight energy absorbing suspension connections, — twice as many as ordinary caps — disperse the energy over a greater area of the head, reducing its concentration, and the risk of failure, at any one point.

- **Suspension function**
  The technically-advanced suspension system stretches in a predictable, controlled manner, absorbing still more impact energy. The remaining impact energy, reduced to ANSI-specified levels by the precise interaction of the cap's components, is passed to the body's natural shock absorbers.

FIBRE-METAL®
by Honeywell

Roughneck® Protective Cap Headgear

Select the industry's only 360° padded sweatband; the first and still the best strip-proof, crack-proof ratchet headband; or patented SwingStrap™ that combines the benefits of both with the added ability to convert from the front wearing position to the rear wearing position without having to reverse the suspension or headband. Fibre-Metal headbands can not only be tightened or loosened, but can also be raised, lowered or tilted for individual comfort while the cap remains squarely in position. Choose from three options to meet your individual needs.

1

- Adjustable TabLok™ 360° padded sweatband (replacement model W3F - not shown)

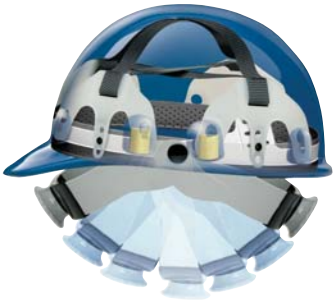
2

- Strip-proof, crack-proof ratchet headband (replacement model 3RW3). SEI-certified in both forward and reverse position.

3

- SwingStrap reversible ratchet: patented design converts from front-wearing position to rear-wearing position when a welding helmet or faceshield is mounted; no need to reverse the suspension or headband (replacement 3SW3)

SuperEight suspension with non-slip/non-strip ratchet **(replacement MODEL 3RW3)**



SwingStrap reversible ratchet headgear **(replacement MODEL 3SW3)**

TabLok Suspension MODEL W3F

Ratchet Suspension MODEL 3RW3

SwingStrap Suspension MODEL 3SW3

Replacement Sweatbands

Unlike ordinary caps, SuperEight® sweatbands can be easily removed and cleaned, or replaced. Your choice of soft cotton jersey (FM69), terry cloth (44RTV) or 360° vinyl-wrapped foam sweatband (S2FV).

MODEL FM69

MODEL FM44RTV

MODEL S2FV

Combination Protection

For multi-hazard conditions, protective caps must be used in combination with a variety of eye and face protection equipment. For greater cost savings, productivity and convenience, most Fibre-Metal® welding helmets, faceshields, protective masks and welding goggles can be combined with Roughneck protective caps by utilizing any one of our three combination systems to provide the exact degree of protection and comfort required.

Speedy® Loop Mounting System

For frequent on/off use with protective caps. The Speedy Loop is fully adjustable to fit any style of hard hat. Welding helmets, faceshields and goggles may be mounted while the cap is on the head. No tools or modifications required. (Does not affect ANSI rating.)

Adjustable Speedy
Loop Mounting System
MODEL 5000

Quick-Lok® Mounting System

For secure long-term combination use. Quick-Lok mounting blocks come pre-installed exclusively on Fibre-Metal hard hats or sold separately as a kit. Quick-Lok mounting blocks are screwed onto the protective cap. Welding helmets, faceshields, and goggles that are equipped with Quick-Lok cups can be securely mounted onto and removed from the cap – without tools.

Quick-Lok System
MODEL 4000

Quick-Lok mounting block on cap exterior (left) and Quick-Lok mounting cup on welding helmet interior (right).

Peak Mount Bracket

Peak-mounted brackets provide a positive seal to keep debris from filtering between cap and faceshield. The shield may be pivoted above the cap between uses without removing the cap. FH66 is aluminum for high heat applications.

FM70 (not shown) is for fully dielectric applications.

Peak mounted bracket
with 4199CL Window
MODEL FH66

Custom-imprint your Roughneck®

Printed protective caps are highly visible – they enhance corporate image, reinforce safety programs and identify trades on the job. The smooth, matte finish of a Roughneck cap makes imprints crisper and cleaner so your official company caps look better and last longer. Logos, safety slogans and union identification look impressive, thanks to our advanced printing technology. Advantages include:

- Large print areas
- Multiple print locations
- Multi-color imprinting
- Low minimum order quantities
- Fast turnaround
- High visibility tape option
- Professional art service available

FIBRE-METAL®
by Honeywell

ORDERING INFORMATION

White (-01)	
TabLok	P2AW01
SwingStrap	P2ASW01
SwingStrap, Quick-Lok	P2AQSW01
Ratchet	P2ARW01
Ratchet, Quick-Lok	P2AQRW01
High heat, Ratchet	P2HNRW01
High heat, Ratchet & Quick-Lok	P2HNQRW01

Yellow (-02)	
TabLok	P2AW02
SwingStrap	P2ASW02
SwingStrap, Quick-Lok	P2AQSW02
Ratchet	P2ARW02
Ratchet, Quick-Lok	P2AQRW02
High heat, Ratchet	P2HNRW02
High heat, Ratchet & Quick-Lok	P2HNQRW02

Gray (-09)	
TabLok	P2AW09
SwingStrap	P2ASW09
SwingStrap, Quick-Lok	P2AQSW09
Ratchet	P2ARW09
Ratchet, Quick-Lok	P2AQRW09

Black (-11)	
TabLok	P2AW11
SwingStrap	P2ASW11
SwingStrap, Quick-Lok	P2AQSW11
Ratchet	P2ARW11
Ratchet, Quick-Lok	P2AQRW11

Brown (-12)	
TabLok	P2AW12
SwingStrap	P2ASW12
SwingStrap, Quick-Lok	P2AQSW12
Ratchet	P2ARW12
Ratchet, Quick-Lok	P2AQRW12

Red (-15)	
TabLok	P2AW15
SwingStrap	P2ASW15
SwingStrap, Quick-Lok	P2AQSW15
Ratchet	P2ARW15
Ratchet, Quick-Lok	P2AQRW15
High heat, Ratchet	P2HNRW15

Strong Orange (-46)	
TabLok	P2AW46
SwingStrap	P2ASW46
SwingStrap, Quick-Lok	P2AQSW46
Ratchet	P2ARW46
Ratchet, Quick-Lok	P2AQRW46
High heat, Ratchet	P2HNRW46

Blue (-71)	
TabLok	P2AW71
SwingStrap	P2ASW71
SwingStrap, Quick-Lok	P2AQSW71
Ratchet	P2ARW71
Ratchet, Quick-Lok	P2AQRW71
High heat, Ratchet	P2HNRW71

Green (-74)	
TabLok	P2AW74
SwingStrap	P2ASW74
SwingStrap, Quick-Lok	P2AQSW74
Ratchet	P2ARW74
Ratchet, Quick-Lok	P2AQRW74
High heat, Ratchet	P2HNRW74

Replacement Suspensions	
Adjustable TabLok headband	W3F
Strip-proof, crack-proof ratchet headband	3RW3
SwingStrap reversible ratchet headband	3SW3

Replacement Sweatbands	
Soft cotton jersey	FM69
Terry cloth	FM44RTV
360° vinyl-wrapped foam	S2FV

FIBRE-METAL®

by Honeywell

Honeywell Safety Products
1-800-430-4110 (US)
1-888-212-7233 (CANADA)
1-514-905-3715 (Latin America)

www.fibre-metal.com

Distributed by:

©2011 Fibre-Metal® • Printed in the USA

FM.204