





# Head Protection Standards AS/NZS 1801:1997

### **OCCUPATIONAL PROTECTION HELMETS**

The objective of this Standard is to specify protective helmets that are to be worn in a variety of occupations, in order to reduce the severity of head injury from hazards associated with such activities.

There are several methods of testing hard hat performance and safety criteria under the standard, including:

- Resistance to penetration as specified within AS/NZS 1801:1997
- Stiffness of the shell as specified within AS/NZS 1801:1997
- Electrical resistance as specified within AS/NZ 1801:1997



#### **TYPES OF HARD HATS**

	Material	<b>Environments</b>	Variations
Type 1	ABS Plastic	Construction, Building, General, Industry, Mining and Forestry	Vented Cooling for high heat environments Non-Vented Ideal for dust and chemical environments Full Brim Provides added protection from falling objects, sun and rain
Type 2	Polycarbonate	High heat environments; Foundries and Smelters	
Туре 3	Polycarbonate with bush fire applications	High heat environment; Bushfire and Wildfire Fighting	Non-Vented/Full brim only Type 3 is the helmet tested and approved in accordance with AS/NZS 1801:1997 with reflective tape and chinstrap





Vented



## AS/NZS 1800:1998

#### Cleaning, maintenance and replacement of Hard Hats

- Consult the manufacturer's information on proper care and maintenance, including which cleaning products and other materials may have a damaging effect on the hat.
- Clean the hard hat regularly with warm water and soap, allowing it to air dry.
- Inspect the shell, headband, suspension system and other accessories daily, before use. These inspections should focus on finding cracks, tears, punctures, holes and any other damage. The headband must not be stretched or worn out. The hat should always fit well and comfortably.
- Store the hard hat in a safe environment that is away from any direct sunlight or extreme temperatures.
- Avoid contact with paints, paint thinners or corrosive cleaning agents, which can weaken the shells of the hats and even eliminate electrical resistance.
- Do not drill holes in the hard hat and avoid applying labels unless it won't reduce the integrity of the protection.

#### Replacing Hard Hats

- You should immediately replace a hard hat if there are any signs of cracking, perforation or deformity to any part of the hard hat.
- You should immediately replace a hard hat if there is any indication of exposure to heat, chemicals, UV light or any signs of flaking and loss of surface gloss.
- You should immediately replace a hard hat if it experiences any serious impact, even if it shows no visible signs of the impact.
- You should periodically replace a hard hat after 3 years from the date of issue. The hard hat must have a sticker on the inside of the shell that allows the date of issue to be recorded. The internal harness should be replaced every 2 years.
- Whilst under the AS/NZS 1800:1998 standard there is no maximum shelf life date. Manufacturers recommend hard hats should not be sold if they are older than 5 years. All hard hats must be stamped with their manufactured month and year.
- This date is found stamped on the inside of the hard hats.

# Australian Made & Owned

Proudly made in Australia, this symbol shows that all our hard hats are not only Made in Australia, but are made by a wholly owned and operated Australian company - the only hard hat brand in Australia that can lay claim to this.

#### Support Australian manufacturing by buying Australian Made.

- Certified to AS/NZS 1801:1997
- The Quality Assurance program ensures that every helmet can be traced back to it's production batch and raw materials match if required
- Every product is inspected during assembly and individually packed in plastic bags to prevent scuffing and soiling during storage and transport
- Only 100% virgin polymers are used in manufacturing process
- All plastics used during the production of these hard hats are recyclable

## **Ratchet vs Pinlock**



### RATCHET

Ratchet closures allow a hard hat fit to be adjusted with a small wheel found on the rear on the hard hat, and offer several advantages over pinlock. The internal harness can then be tightened and loosened with the simple turn of the ratchet wheel. This can be done with one hand and without taking the hard hat off.

The ratchet can also be more finely adjusted so that the hard hat fits with enough pressure to minimise the chance of the hard hat falling off even when the wearer is constantly moving their head up and down, working in confined spaces or on challenging terrain.



#### PINLOCK

Traditionally hard hats use a closure system known as pinlock. The pinlock system provides an effective way of fitting the hard hat securely to create a comfortable fit. This is done with a simple slide system that utilises slotted holes, much like a waist belt for trousers.

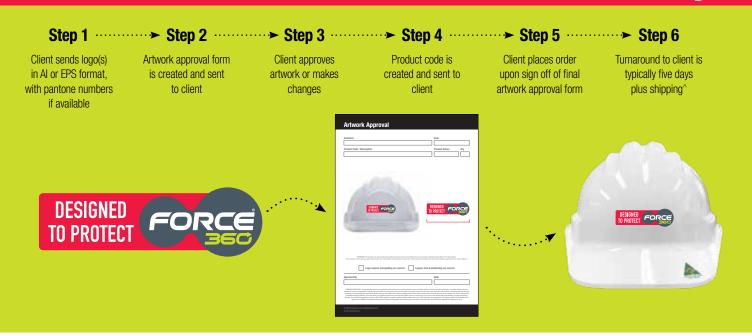
Under most conditions the pinlock system allows wearers to adjust their hard hat fit to maximise comfort in a safe and secure way. Making the hard hat perfect for all day use.



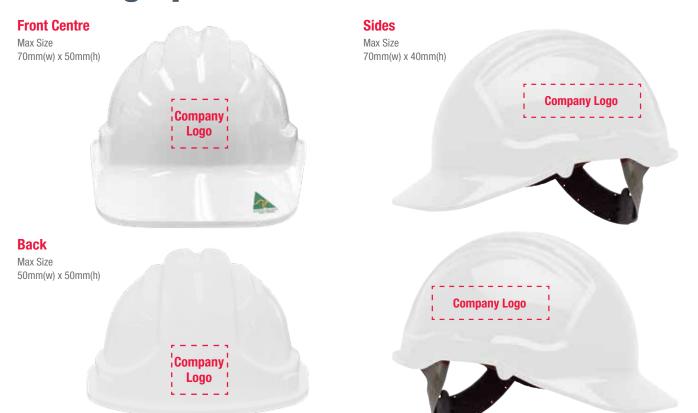
# Pad Printing Promotion FREE SETUP On Pad Printing



## Fastest turnaround in Australia - 5 Business Days<sup>^</sup>



## **Printing Specifications**



\*Pad Printing Promotion will begin 21st September 2020 and run until 30th December 2020. The pad printing setup fee will be waived during the promotional period for purchases of 60+ printed hard hats in one order. Minimum quantities and lead times apply. Standard lead time for pad printed hard hats is 5 business days plus shipping, the fastest turnaround in Australia.



## **Premium Hard Hat - Type 1**

**10** (colours)



**20** (white)



- ▲ AS/NZS 1801:1997 certified protection
- Lightest Type 1 hard hat on the Australian market, made with high impact ABS
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Adjustable pinlock or ratchet harness for a secure fit
- Unique accessory slot ensures most 25mm and 30mm earmuff, visor adaptors, and the like fit securely
- Reinforced rain peak
- ▶ Pad printable in 4 areas up to 4 colours
- Custom coloured hard hats can be made to order (MOQ applies)

























#### **Available Options**











HPFPR57 Vented



HPFPR57R Vented

## **Retail Ready Kits**

#### Premium Pinlock Hard Hat Kit

2x Blue, 2x Yellow, 2x Green, 2x Red, 2x Black

**HPFPR56K -** Non-vented Pinlock HPFPR57K - Vented Pinlock



#### **Premium Ratchet Hard Hat Kit**

2x Blue, 2x Yellow, 2x Green, 2x Red, 2x Black

HPFPR56RK - Non-vented Ratchet **HPFPR57RK - Vented Ratchet** 



## Premium Hard Hat - Type 2

- ▲ AS/NZS 1801:1997 certified protection
- Type 2 high heat rated polycarbonate for use in areas that have the risk of heat exposure to the wearer
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Adjustable pinlock or ratchet harness for a secure fit
- Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Reinforced rain peak
- ▶ Pad printable in 4 areas up to 4 colours
- Custom coloured hard hats can be made to order (MOQ applies)











#### **Available Options**



HPFPR60 Non-vented Pinlock



HPFPR61 Vented Pinlock



HPFPR60R Non-vented Ratchet



HPFPR61R Vented Ratchet

## Miners Hard Hat - Type 1

- ▲ AS/NZS 1801:1997 certified protection
- ▲ Metal or poly lamp bracket with leather rear lead clip
- Lightest Type 1 hard hat on the Australian market, made with high impact ABS
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Adjustable pinlock or ratchet harness for a secure fit

Yellow

- ▲ Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Reinforced rain peak
- Pad printable in 2 areas up to 4 colours
- Custom coloured hard hats can be made to order (MOQ applies)







#### **Available Options**



HPFPR56ML Non-vented Pinlock Metal Bracket

#### HPFPR56RML

Non-vented Ratchet Metal Bracket



HPFPR57ML Vented Pinlock Metal Bracket

#### HPFPR57RML

Vented Ratchet Metal Bracket



#### HPFPR56PL Non-vented Pinlock Poly Bracket

#### HPFPR56RPL

Non-vented Ratchet Poly Bracket



#### HPFPR57PL Vented Pinlock Poly Bracket

#### HPFPR57RPL

Vented Ratchet Poly Bracket







10

## **Clearview Hard Hat - Type 2**

- ▲ AS/NZS 1801:1997 certified protection
- Unique transparent design allows the wearer increased vision above
- UV400 polycarbonate ensures you won't be sun burnt, and no damaging UV rays can penetrate
- ▶ Type 2 high heat rated polycarbonate for use in areas that have the risk of heat exposure to the wearer
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Adjustable pinlock or ratchet harness for a secure fit
- Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Comes with vents to improve air circulation, ideal for wearing in hot and humid environments
- Reinforced rain peak
- ▶ Pad printable in 4 areas up to 4 colours
- Custom coloured hard hats can be made to order (MOQ applies)















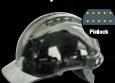








#### **Available Options**



HPFPRCV63

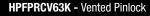


HPFPRCV63R Vented

## **Retail Ready Kits**

#### **Clearview Pinlock** Hard Hat Kit

2x Blue, 1x Clear, 1x Green, 1x Orange, 1x Pink, 1x Red, 2x Smoke, 1x Yellow





#### **Clearview Ratchet** Hard Hat Kit

2x Blue, 1x Clear, 1x Green, 1x Orange, 1x Pink, 1x Red, 2x Smoke, 1x Yellow

**HPFPRCV63RK - Vented Ratchet** 





## Broad Brim Hard Hat - Type 1 / Type 2

10

- ▲ AS/NZS 1801:1997 certified protection
- Type 1 hard hat made with high impact ABS (56/57 versions)
- Type 2 high heat rated polycarbonate for use in areas that have the risk of heat exposure to the wearer (60/61/63 versions)
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Rear ratchet wheel for single hand fit adjustment
- Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Comes with vents to improve air circulation, ideal for wearing in hot and humid
- Removable side inserts which allow earmuffs to be attached to the helmet
- Side inserts can be stored in the rear of the hard hat
- Extra wide brim to assist with sun and dirt/dust protection
- ▶ Pad printable in 4 areas up to 4 colours















Fluro Yellow



#### **Available Options**



HPFPRBB56R Non-vented HPFPRBB57R Vented



HPFPRBB60R Non-vented HPFPRBB61R Vented



HPFPRBBCV63R Vented Clearview



HPFPRBB56RML Non-vented Metal Miners

HPFPRBB57RML **Vented Metal Miners** 



HPFPRBB56RPL Non-vented Poly Miners HPFPRBB57RPL Vented Poly Miners

## **Retail Ready Kits**

#### **Broad Brim Ratchet Hard Hat Kit**

2x Blue, 2x Yellow, 2x Green, 2x Red, 2x Orange

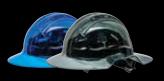
HPFPRBB57RK - Vented Ratchet



#### **Broad Brim Clearview** Ratchet Hard Hat Kit

5x Blue, 5x Smoke

**HPFPRBBCV63RK - Vented Ratchet** 



## Hydro Dipped Hard Hat - Type 1

- ▲ AS/NZS 1801:1997 certified protection
- Custom hydro dipped artwork
- Lightest Type 1 hard hat on the Australian market, made with high impact ABS
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Rear ratchet wheel for single hand fit adjustment
- ▲ Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Reinforced rain peak
- Pad printable in 4 areas up to 4 colours



#### **Available Options**



**Carbon Fibre** HPFPR57R-HD1 - Vented



HPFPR57R-HD2 - Vented



**Flaming Dice** HPFPR57R-HD3 - Vented



HPFPR57R-HD4 - Vented



HPFPR57R-HD5 - Vented

## Hydro Dipped Broad Brim Hard Hat - Type 1

- ▲ AS/NZS 1801:1997 certified protection
- Custom hydro dipped artwork
- Type 1 hard hat made with high impact ABS
- ▶ Premium 6 point harness is made from terylene that ensures comfort and cushioning
- Rear ratchet wheel for single hand fit adjustment
- ▲ Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Comes with vents to improve air circulation, ideal for wearing in hot and
- Removable side inserts which allow earmuffs to be attached to the helmet
- Side inserts can be stored in the rear of the hard hat
- Extra wide brim to assist with sun and dirt/dust protection
- Pad printable in 4 areas up to 4 colours



#### **Available Options**



**Carbon Fibre** HPFPRBB57R-HD1 - Vented



The Gambler

HPFPRBB57R-HD2 - Vented



**Flaming Dice** 

HPFPRBB57R-HD3 - Vented



**Mad Skull** 

HPFPRBB57R-HD4 - Vented



**Pink Camouflage** 

HPFPRBB57R-HD5 - Vented

## **Retail Ready Kits**

Type 1 Ratchet Hydro Dipped Hard Hat Retail Kit

1x Carbon, 1x Gambler, 1x Flaming Dice, 1x Mad Skull, 1x Pink Camo

**HPFPR57RHDK** - Vented Ratchet



#### Type 1 Ratchet Hydro Dipped **Broad Brim Hard Hat Retail Kit**

1x Carbon, 1x Gambler, 1x Flaming Dice 1x Mad Skull, 1x Pink Camo

**HPFPRBB57RHDK** - Vented Ratchet





# Pre-Printed Hard Hat - Type 1

- ▲ AS/NZS 1801:1997 certified protection
- Lightest Type 1 hard hat on the Australian market, made with high impact ABS
- Premium 6 point harness is made from terylene that ensures comfort and cushioning
- ▲ Unique multi slot ensures most 25mm and 30mm accessories fit the hard hat
- Pre-printed range comes with vents to improve air circulation, ideal for wearing in hot and humid environments
- Reinforced rain peak
- ▶ Pad printable in 3 areas up to 4 colours



# Australian Standard AS/NZS 1801:1997 . No. 21741

#### **Available Options**





#### **Available Options**



## Accessories



#### **HPFPRRWH**

10

## **HPFPRRWHR**

10 🛞

#### **HPWRXRPCH**

10 🛞



#### **Premium 6 Point Pinlock Harness**

▶ Premium 6 point comfort harness is made from terylene that ensures comfort and cushioning when worn all day



▶ Premium 6 point comfort harness is made from terylene that ensures comfort and cushioning when worn all day

### **Economy 6 Point Pinlock Harness**

Economy 6 point harness is made from polyester providing an economical alternative to terylene harness



#### HPFPRRT2









#### **HPFPRRSB**

20 🗟 1000 🛞

#### Reflective Tape (2 Curves Set)

- 2 curve reflective tape kit to ensure visibility in low light environments
- Can be fitted when purchasing new hard hats

#### Reflective Tape (2 Curves & 1 Straight Set)

- ≥ 2 curve & 1 straight reflective tape kit to ensure maximum visibility in low light environments
- Can be fitted when purchasing new hard hats

#### **Terry Towelling Sweat Band**

- Replaceable terry toweling sweat band to ensure hard hat stays fresh for longer
- Simple clip in design for easy replacement



#### **HPWORXSBSTD**









### **HPFPRTGCS**

10 🗟 2000 😭



#### **Snap Brim**

- Snap Brim is UPF50+ rated
- Designed to protect the neck and face from sun, heat and rain
- Removable neck flap
- ARC rated models are tested to ASTM F2178 33 cal/ cm<sup>2</sup>, no melt, no drip. No ignition between 22.7 cal/cm<sup>2</sup> and 44 cal/cm<sup>2</sup> - (Part No - HPWORXSBSTDARC)











Hard hat not included



#### **Hard Hat Holder**

- UV stabilised for extended outdoor product life
- Suitable for most hard hats including the Force360 Range
- Strong magnets or screws to affix the holder to most surfaces
- Perfect for offices where fire warden, first aid and visitors hard hats are required to be visibly stored





Hard hat not included

#### Chinstrap

Adjustable chinstrap to ensure secure positioning of hard hat

Hard hat not included





