



PERSONAL PROTECTION EQUIPMENT



CA170
114

PS12
391

PS56
383

CA110
104

PREMIER PPE PROTECTION

Designed with comfort in mind, this range of lightweight PPE ensures a pleasant wear even after long hours of use. Your safety is our mission.



HEAD PROTECTION 380

Portwest's head protection range aims to benefit our customers by combining the most up to date styles and standards in head protection, irrespective of job or location. Innovative, comfortable and lightweight hard hats available for multiple uses.



EYE PROTECTION 388

Portwest's eye protection range includes spectacles, safety goggles and visors, designed to protect the eyes and face of workers from injury during work activities.



HEARING PROTECTION 396

Portwest's hearing protection range includes PPE with different level sound attenuation, to be adapted to various working environments giving the correct protection from dangerous noise, without isolating the workers. This range of earmuffs offers a variety of models and colors allowing a personalized choice.



RESPIRATORY PROTECTION 400

Our Biztex™ brand ensures exceptional quality and performance across our full range of disposable masks. The extensive Biztex™ range offers a high level of protection and quality safeguarding the wearer against many workplace risks. Certified to both NIOSH and EN 149 standards.

LUGGAGE 402

KNEE PROTECTION 404

LIGHTS 406

HEAD PROTECTION

Portwest head protection, designed to the latest standards delivers the highest level of protection. Practical and lightweight, this range will ensure a comfortable wear even for long periods of use, irrespective of job or location.

PW379 37

PS54 385

PW18 390

PW47 397

CHOOSE THE RIGHT ACCESSORIES FOR YOUR HARD HAT



	HARD HAT	PRODUCT CODES	"2-POINT CHIN STRAP"	SWEATBAND	VISOR CARRIER	VISOR	"CLIP ON EAR MUFF"
	PEAKVIEW	PV60	PW53	/	PS58	PS94, PW99	PW47
	FULL BRIM Future	PS52	/	/	PS68	PS94, PW99	/
	FULL BRIM Premier	PS56	/	PA45, PA55	PS68	PS94, PW99	/
		PW52	/	PA45, PA55	PS68	PS94, PW99	/
	HEIGHT ENDURANCE	PS53	/	PA45, PA55	PS58	PS94, PW99	PW47
		PS63	/	PA45, PA55	PS58	PS94, PW99	PW47
		PS73	/	PA45, PA55	PS58	PS94, PW99	PW47
	ENDURANCE	PS54	PW53	PA45, PA55	PS58	PS94, PW99	PW47
	SAFETY PRO	PW02	/	PA45, PA55	/	/	/
	BASE PRO	PW67	/	/	/	/	/
	FORESTRY COMBI KIT	PW98	/	PA45, PA55	PS58	PS94	PW47

ANSI/ISEA Z89.1 American National Standard for Industrial Head Protection

The Occupational Safety and Health Administration (OSHA) guidelines state that employees shall wear protective hard hats when working in areas where there is a potential for injury to the head from falling objects. Protective hard hats designed to reduce electrical shock hazard shall be

worn by each employee when near exposed electrical conductors which could contact the head. The performance criteria for head protection is provided in the American National Standards Institute (ANSI) Z89.1 standard for Industrial Head Protection, updated in 2014.

Hard hats classification and markings based on ANSI Z89.1

Classification	Marking	Definitions
IMPACT TYPE	TYPE I	TYPE I Hard hats designed to reduce the force of impact resulting from a blow only to the top of the head
	TYPE II	TYPE II Hard hats designed to reduce the force of impact resulting from a blow to the top or sides of the head
ELECTRICAL CLASS	Class G (General)	Class G Hard hats designed to reduce the danger of contact with low-voltage conductors. Tested at 2,200 volts
	Class E (Electrical)	Class E Designed to reduce the danger of contact with conductors at higher voltage levels. Tested at 20,000 volts
	Class C (Conductive)	Class C Hard Hats intended to provide no protection against contact with electrical hazards
OPTIONAL REQUIREMENTS	Reverse Donning	Hard hats which can be worn frontward or backward. They pass all hard hat testing requirements, whether worn frontward or backward
	Lower Temperature	LT Hard hats meet all testing requirements of the standard when preconditioned at a temperature of -22°F (-30°C)
	High Visibility	HV Indicate that the hard hat meets all testing requirements of the standard for high visibility colors. This includes tests for chromaticity and luminescence
	Higher Temperature	HT Hard hats meet the performance criteria after being preconditioned to higher temperatures of 140°F (60°C)

EN 397: 2012 European Standard for Industrial Safety Helmets

Mandatory tests:

- **Impact:** Energy spread to the head form must not exceed 5 kN after the fall of an object of 5 kg at 1ft high.
- **Penetration:** The tip of the test mass used (3 kg from 3.2ft

height) must not come into contact with the skull.

• **Flammability:** The hard hat is exposed to a flame and it must not burn with flame emission more than 5 seconds after removal of the flame.

Impact and penetration tests are performed at room temperature, +122°F and at 14°F.

Optional tests:

• Resistance at extreme temperatures:

Testing impact and penetration are performed at 302°F, -4°F, -22°F temperatures.

• Electrical properties:

Protects against a short accidental contact with electric leads under voltage up to 440 V.

PEAKVIEW™

TRANSLUCENT HARD HAT

The Peak View hard hat is a Portwest exclusive design and patented model. The translucent shell and see through peak and sides allow the wearer to look upwards without the need to tilt the head. The extra strong yet ultra light weight polycarbonate shell offers UV ray protection. Peakview is the safest and most comfortable solution for your head protection.

PEAKVIEW is a trademark of Portwest.




20

PV60 PEAK VIEW RATCHET HARD HAT VENTED

P65

ANSI/ISEA Z89.1 TYPE II, CLASS C
EN 397 -20°C

- Translucent shell to see through peak and sides
- Portwest exclusive design and patented model
- 6 point textile harness
- Wheel ratchet size adjustment for easy fitting
- Soft foam sweat band included
- Vented hard hat allowing a refreshing airflow around the head

 Polycarbonate, PE 14oz
Blue, Clear, Green, Orange, Pink, Red,
Smoke, Yellow
19.6"-26"



ANSI

FULL BRIM

20

PW52 FULL BRIM PREMIER HARD HAT VENTED

P65

ANSI/ISEA Z89.1 TYPE I, CLASS C

- Vented hard hat allowing a refreshing airflow around the head
- Wheel ratchet size adjustment for easy fitting
- 4-point textile suspension harness for enhanced wearer comfort and safety
- 7 years shelf life



HDPE, PET, PP, LDPE 14oz
 Hi-Vis Yellow, Orange, Red, Royal Blue, White, Yellow
 20.5" - 24.8"



ANSI

20

PS56 FULL BRIM PREMIER HARD HAT

P65

ANSI/ISEA Z89.1 TYPE I, CLASS E

- Full brim hard hat: its wide profile provides extra protection against sun, glare, rain, debris and non-toxic splashes
- Non vented for increased protection against the elements
- 4-point textile suspension harness for enhanced wearer comfort and safety
- Wheel ratchet size adjustment for easy fitting



HDPE, PET, PP, LDPE 14oz
 Orange, White, Royal, Hi-Vis Yellow, Red
 Adjustable 20.5"-24.8"



ANSI

20

PS52 FULL BRIM FUTURE HARD HAT

P65

ANSI/ISEA Z89.1 TYPE I, CLASS E

EN 397 -10°C/+50°C

- Full brim hard hat: its wide profile provides extra protection against sun, glare, rain, debris and non-toxic splashes
- Non vented for increased protection against the elements
- Wheel ratchet size adjustment for easy fitting
- 4 points plastic suspension harness
- Soft foam sweat band included
- Up to 7 years lifetime



PP, PE 16oz
 White
 20.4"-24.8"



ANSI

HEIGHT ENDURANCE HARD HAT

20

PS73 HEIGHT ENDURANCE MOUNTAINEER HARD HAT

P65

ANSI/ISEA Z89.1 TYPE I, CLASS C
EN 12492
EN 397 (IMPACT / PENETRATION / -30°C)

- Specially designed for working at height
- Vented hard hat shell to allow air circulation cooling the wearer's head
- Chin strap included
- Wheel ratchet size adjustment for easy fitting
- Chin guard for added comfort and stability
- Compatible accessories available

ABS, EPS (Expanded Polystyrene) 16oz
Hi-Vis Orange, White, Hi-Vis Yellow
20.5"-24.4"

ANSI



NEW



20

PS63 HEIGHT ENDURANCE VENTED HARD HAT

P65

ANSI/ISEA Z89.1 TYPE I, CLASS C
EN 397 -30°C / +50°C

- Specially designed for working at height
- Vented hard hat allowing a refreshing airflow around the head
- Hard hat shell made of ABS
- Size adjustable headband via wheel ratchet system
- Chin strap included
- 6 point textile harness

ABS 14oz
Hi-Vis Orange, White, Hi-Vis Yellow
20.5"-24.4"

ANSI



NEW



20

PS53 HEIGHT ENDURANCE HARD HAT

P65

ANSI/ISEA Z89.1 TYPE I, CLASS E
EN 397 -30°C/+50°C
EN 50365 CLASS:0

- Unvented hard hat shell for safe use with electrical applications
- Specially designed for working at height
- Light and robust
- Chin strap included
- 6 point textile harness
- Wheel ratchet size adjustment for easy fitting

ABS 15oz
Black, Hi-Vis Orange, Royal Blue
White, Hi-Vis Yellow
20.5"-24.4"

ANSI

NEW COLOUR

NEW COLOUR



56

PA03 HEIGHT ENDURANCE VISOR

AF

ANSI/ISEA Z87.1 +
EN 166 1 F
EN 170 2C-1.2
EN 172 5.2

AS

- One piece curved lens with molded nose-bridge
- Light and robust
- Anti-scratch coating for added durability
- Anti-fog coating for additional comfort to the wearer
- Retail box which aids presentation for retail sales

P65

Polycarbonate 3oz
Clear, Smoke

ANSI



NEW

HARD HAT

20

PS54 ENDURANCE PLUS HARD HAT

ANSI/ISEA Z89.1 TYPE I, CLASS E
EN 397 +50°C/-30°C, MM, LD, 440VAC
EN 50365 CLASS:0

LD

MM

P65

- Unvented hard hat shell for safe use with electrical applications
- 6 point textile harness
- Wheel ratchet size adjustment for easy fitting
- Chin strap included
- Compatible accessories available
- Up to 7 years lifetime

ABS 15oz
Hi-Vis Orange, White Adjustable 22.1"-24.8"



ANSI

20

PW02 SAFETY PRO HARD HAT VENTED

ANSI/ISEA Z89.1 TYPE I, CLASS C

P65

- Vented hard hat allowing a refreshing airflow around the head
- 4 points textile harness
- Wheel ratchet size adjustment for easy fitting
- Lightweight for enhanced wearing comfort
- Retail bag which aids presentation for retail sales

HDPE, PET, PP, LDPE 13oz
White, Hi-Vis Yellow
20.5" - 24.8"



ANSI

24

PW67 BASE PRO HARD HAT

ANSI/ISEA Z89.1 TYPE I, CLASS E

P65

- Unvented hard hat shell for safe use with electrical applications
- 4-point textile suspension harness for enhanced wearer comfort and safety
- Wheel ratchet size adjustment for easy fitting
- Light and robust

PP 12oz
White, Yellow
21.6"-24.4"



ANSI

SPECIALITY HARD HAT

12

PW98 FORESTRY COMBI KIT

ANSI/ISEA Z89.1 TYPE I CLASS C
ANSI/ISEA Z87.1 (VISOR HOLDER + MESH VISOR)
ANSI S3.19 (EAR MUFF)

LD

EN 397 -30°C/+50°C, LD
EN 1731 F
EN 352-3

P65

- Vented hard hat allowing a refreshing airflow around the head
- 6 point textile harness
- Wheel ratchet size adjustment for easy fitting
- Soft foam sweat band included
- Chin strap included
- Replacement accessories available

ABS, Stainless Steel, Polystyrene, PU 28oz
Orange
22.1"-24.8"



ANSI

40
10

PS89 ULTRA LIGHT BUMP CAP

EN 812

P65

- Lightweight and comfortable
- 4 points plastic suspension harness
- Soft foam sweat band included
- Buckle size adjustment for easy fitting
- Retail bag which aids presentation for retail sales

HDPE, LDPE 8oz
Orange, Royal Blue, White, Yellow
19.7"-23.6"



60
10

PS59 AIRTECH BUMP CAP

EN 812

P65

- Inner ABS shell and soft pad for shock absorption
- Cooling mesh fabric for increased breathability
- High visibility color for visibility in daylight
- Reflective piping for increased visibility
- Buckle size adjustment for easy fitting
- Mid peak (2") ideal for all uses

Nylon, ABS, EVA 6oz
Hi-Vis Yellow
21.3"-23.2"



HEAD PROTECTION ACCESSORIES



PW96 FACE SHIELD PLUS
ANSI/ISEA Z87.1 +
 EN 166 1 BT 3 9

- Browguard including clear polycarbonate visor with aluminum edge
- Wheel ratchet size adjustment for easy fitting

Polycarbonate, Aluminum 11oz
 Clear
 7.9" X 15.7"



PS58 HARD HAT VISOR HOLDER
ANSI/ISEA Z87.1
 EN 166
 EN 1731 F

- Universal slot adapter
- Easy to clip-on
- Simple and secure visor replacement

ABS 3oz
 Black



PS68 FULL BRIM VISOR HOLDER
ANSI/ISEA Z87.1

- Light and robust
- Retail tag which aids presentation for retail sales
- Individually packed for vending machines

Aluminum 6oz
 Silver



PW99 REPLACEMENT SHIELD PLUS VISOR
ANSI/ISEA Z87.1 +
 EN 166 1 BT 3 9

- Durable Polycarbonate visor with 1mm thickness
- Clear visor aluminum bound
- Protects from impacts, metal splashes and hot solid projections

Polycarbonate, Aluminum 5oz
 Clear
 7.9" X 15.7"



PS94 MESH PROTECTION VISOR
ANSI/ISEA Z87.1
 EN 1731 F

- Stainless steel wire mesh visor
- Lightweight and comfortable
- Easy to fit
- Retail bag which aids presentation for retail sales

LDPE, Stainless Steel 4oz
 Black
 15.4" - 7.9"



ID12 MEDICAL INFORMATION CONTACT

- Instant access to potentially life saving information
- Instant user/wearer recognition
- Information is held securely
- Water resistant holder with waterproof paper

PVC
 Red
 2.7" X 0.8"



PA45 TECHNICAL SWEATBAND

- Technical sweatband made of acrylic
- Easy to clip-on
- Retail bag which aids presentation for retail sales

Acrylic
 Black



PA55 FOAM SWEATBAND

- Retail bag which aids presentation for retail sales
- Easy to fit
- Made of soft foam material for extra comfort

Foam
 Black



PW53 CHIN STRAP

- Chin guard for added comfort and stability
- Easy to clip-on
- Buckle size adjustment for easy fitting

Nylon, PP
 Black

EYE PROTECTION

Portwest's eye protection range includes safety glasses, goggles and visors designed to protect the eyes and face of workers from injury during work activities.



PW52 383

PS12 391

CA101 90



A625 337

USA STANDARDS

ANSI Z87.1: Markings

Marking	Meaning	Position
PW: Portwest	Manufacturer identification	Frame and lens
Z87	Non Impact protector	Frame and lens
OPTIONAL MARKINGS Required only when impact rating is claimed by the manufacturer		
Z87+	Impact protector	Frames used for an impact-rated protector are marked with Z87 + (lenses show just a "+" symbol)
OPTIONAL MARKINGS Required only when special lens/ use is claimed by the manufacturer		
-(no marking)	Lens type - Clear	
W - followed by shade number	Lens type - Welding	Lens
U and scale number	Lens type - UV Filter	Lens
L and scale number	Lens type - Visible Light Filter	Lens
R and scale number	Lens type - IR Filter	Lens
V	Lens type - Variable Tint	Lens
S	Lens type - Special Purpose	Lens
D3	Splash/Droplet	Frame
D4	Dust	Frame
D5	Fine Dust	Frame

PREMIUM PROTECTION

* = see tables below for more details on U marking (UV filters performances) and L marking (Visible Light Filters performances)

Transmittance Requirements for Visible Light Filters:

Scale (Marking)	Maximum %	Nominal %	Minimum %
L1.3	85	74.5	67
L1.5	67	61.5	55
L1.7	55	50.1	43
L2	43	37.3	29
L2.5	29	22.8	18
L3	18	13.9	8.5
L4	8.5	5.18	3.16
L5	3.16	1.93	1.18
L6	1.18	0.72	0.44
L7	0.44	0.27	0.164
L8	0.164	0.1	0.061
L9	0.061	0.037	0.023
L10	0.023	0.0139	0.0085

Transmittance Requirements for Ultraviolet Filters:

Scale (Marking)	Maximum effective Far-Ultraviolet (200-315nm)Average transmittance %	Maximum effective Near-Ultraviolet (325-380nm)Average transmittance %
U2	0.1	3.7
U2.5	0.1	2.3
U3	0.07	1.4
U4	0.04	0.5
U5	0.02	0.2
U6	0.01	0.1

EUROPEAN STANDARDS

EN 166: 2001

Personal Eye Protection

Applying to all types of individual protection of the eye which protects from hazards likely to damage the eye, except for nuclear radiation, x-rays, laser emissions and infrared emitted by low-temperature sources. Does not apply to eye protection for which separate standards exist (e.g. anti-laser eye protection, sunglasses for general use).

EN 170:2002

European Standard for Ultraviolet Filters

Specifies the scale numbers and transmittance requirements for filters for protection against ultraviolet radiation.

EN 172 European Standard for sunglare filters for industrial use

Specification for sunglare filters used in personal eye-protection for industrial use.

EN 166 Markings

MANUFACTURER SYMBOL	Lens / Visor	Frame / Holder	Glasses	Goggles	Visors
PW: Portwest	✓	✓	✓	✓	✓
OPTICAL CLASS					
1: Permanent wear (distortion free)					
2: Occasional wear	✓		✓	✓	✓
3: Brief wear					
MECHANICAL RESISTANCE					
S: Minimal impact resistance (5,1 m/sec)			✓	✓	✓
F: Low energy impact (45 m/sec)			✓	✓	✓
B: Medium energy impact (120 m/sec)	✓	✓		✓	✓
A: High energy impact (190 m/sec)				✓	✓
T: Impact test at extreme temperature (23°F/+131°F) OPTIONAL			✓	✓	✓
CHEMICAL RISKS (OPTIONAL)					
3: Resistance to liquid droplets				✓	
3: Resistance to liquid splashes				✓	✓
4: Resistance to large dust particles (with > 5µm grain size)	✓	✓		✓	
5: Resistance to gases and fine dust particles (with < 5µm grain size)				✓	
ELECTRICAL RISKS (OPTIONAL)					
8: Short circuit ARC resistance		✓			✓
THERMAL RISKS (OPTIONAL)					
9: Molten metal splashes and hot solids projections		✓			✓
LENS TREATMENTS (OPTIONAL)					
K: Resistance to surface damage by fine particles (anti-scratch treatment)	✓		✓	✓	✓
N: Resistance to fogging of oculars (anti-fog treatment)					

AF N

- AF = Anti-Fog treatment (corresponds to N - when the treatment is certified by the notified body and marked on the lens).

AS K

- AS = Anti-Scratch treatment (corresponds to K - when the treatment is certified by the notified body and marked on the lens).

SAFETY GLASSES

NEW

300
12

PW27 FLEX SAFETY GLASSES

ANSI/ISEA Z87.1 + U6
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 F1
EN 170 2C-1.2
EN 172 5-3.1

AF

AS

☒

☒

☒

P65

- Soft arm tips and rubber nose-bridge for ultra comfort
- Flexible arms for ultra comfort
- Lightweight wrap-around design
- Anti-fog coating for additional comfort to the wearer
- Anti-scratch coating for added durability
- Retail bag which aids presentation for retail sales

☒ Polycarbonate
☒ Clear, Smoke



192
12

PS06 PARIS SPORT SAFETY GLASSES

ANSI/ISEA Z87.1 + U6
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 F
EN 172 5-3.1

AF

AS

☒

☒

P65

- Lightweight wrap-around design
- Soft arm tips and rubber nose-bridge for ultra comfort
- Side vents for added comfort
- Excellent side protection
- Anti-scratch coating for added durability
- Anti-fog coating for additional comfort to the wearer

☒ Polycarbonate, TPR
☒ Clear, Smoke



NEW

NEW COLOR

ANSI

300
12

PW18 UMBRA POLARIZED SAFETY GLASSES

ANSI/ISEA Z87.1 + U6 L3 S
EN 166 1 F
EN 172 5-3.1

☒

☒

P65

- Polarized lens eliminates horizontal reflections and harsh glares
- Helps to reduce eye fatigue and enhances contrasts
- Lightweight wrap-around design
- Inclinable side arms for optimum fit
- Extendable side arms for secure and comfortable fit
- 99% UV protection

☒ Polycarbonate
☒ Smoke



NEW

ANSI

SAFETY GLASSES

288 12 **PS11 TECH LOOK PLUS**

ANSI/ISEA Z87.1 +
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

- AF**
- AS**
- Soft arms tips for ultra comfort
- Dual use with classic arms or with wide elastic band
- Detachable foam offers additional protection against shocks and dust
- Flexible arms for ultra comfort
- Side vents for added comfort
- Anti-fog coating for additional comfort to the wearer

P65 Polycarbonate, Nylon, EVA Foam
Clear, Smoke



DETACHABLE FOAM BACK

ANSI

288 12 **PS12 TECH LOOK**

ANSI/ISEA Z87.1 +
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

- AS**
- Soft arms tips for ultra comfort
- Flexible arms for ultra comfort
- Side vents for added comfort
- Ultra lightweight for long uses
- 100% metal free
- Anti-scratch coating for added durability

P65 Polycarbonate, Nylon
Clear, Smoke



ANSI

192 12 **PW11 LEVO GLASSES**

ANSI/ISEA Z87.1 +
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

- AS**
- Dual use with classic arms or with wide elastic band
- Detachable foam offers additional protection against shocks and dust
- Excellent ventilation through indirect vents in the back foam
- Anti-scratch coating for added durability
- 100% metal free
- Free spec cord

P65 Polycarbonate
Clear, Smoke



DETACHABLE FOAM OFFERS ADDITIONAL PROTECTION AGAINST SHOCKS AND DUST



PW11 LEVO GLASSES WITH ELASTIC BAND (INCLUDED)

ANSI

SAFETY GLASSES

NEW

192 12 **PS18 POLAR STAR SAFETY GLASSES**

ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 172 5-3.1

- Polarized lens eliminates horizontal reflections and harsh glares
- Helps to reduce eye fatigue and enhances contrasts
- Soft arm tips and rubber nose-bridge for ultra comfort
- Lightweight wrap-around design
- Anti-scratch coating for added durability
- 99% UV protection

 Polycarbonate, TPR
 Smoke





POLARIZED LENS

ANSI

288 12 **PW38 PAN VIEW GLASSES**

ANSI/ISEA Z87.1 + U6 L3
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

- Lightweight wrap-around design
- Soft arm tips and rubber nose-bridge for ultra comfort
- One piece curved lens with molded nose-bridge
- Slim side arms for optimum comfort when working with ear defenders
- Anti-fog coating for additional comfort to the wearer
- Anti-scratch coating for added durability

 Polycarbonate
 Clear lens/Black temple, Smoke lens/ Black temple



ANSI

288 12 **PW15 FOSSA GLASSES**

ANSI/ISEA Z87.1 + U6 L3
ANSI/ISEA Z87.1 + U6 L3
EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

- Ultra lightweight for long uses
- Excellent side protection
- Soft arms tips for ultra comfort
- Lightweight wrap-around design
- Anti-scratch coating for added durability
- 99% UV protection

 Polycarbonate
 Clear, Smoke



ANSI

SAFETY GLASSES

300
12

PS32 WRAP AROUND PLUS GLASSES

AF

ANSI/ISEA Z87.1 + U6

EN 166 1FT
EN 170 2C-1.2

AS

- Detachable foam offers additional protection against shocks and dust
- Lightweight wrap-around design
- Flexible arms for ultra comfort
- Single panoramic lens glasses
- Soft arms tips for ultra comfort
- Excellent side protection



P65

Polycarbonate
Clear



DETACHABLE FOAM BACK

ANSI

300
12

PW32 WRAP AROUND GLASSES

CE

ANSI/ISEA Z87.1 + U6

ANSI/ISEA Z87.1 + U6 L3

EN 166 1 FT
EN 170 2C-1.2
EN 172 5-3.1

AS

- Single panoramic lens glasses
- Lightweight wrap-around design
- Excellent side protection
- Flexible arms for ultra comfort
- Soft arms tips for ultra comfort
- Anti-scratch coating for added durability



P65

Polycarbonate
Clear, Smoke



ANSI

288
12

PW13 CLEAR VIEW GLASSES

AF

ANSI/ISEA Z87.1 + U6

ANSI/ISEA Z87.1 + U6 L3

EN 166 1 F
EN 170 2C-1.2
EN 172 5-3.1

AS

- One piece curved lens with molded nose-bridge
- Wrap-around style for panoramic view
- Ultra lightweight for long uses
- Excellent side protection
- Anti-scratch coating for added durability
- Anti-fog coating for additional comfort to the wearer



P65

Polycarbonate
Clear, Smoke



ANSI

SAFETY GLASSES

288
12

PW14 LITE SAFETY GLASSES

AF

ANSI/ISEA Z87.1 + U6

ANSI/ISEA Z87.1 + U6 L3

EN 166 1 F

AS

EN 170 2C-1.2

EN 172 5-3.1

☑

- Wrap-around design
- Ultra lightweight for long uses

☑

- Larger fitting size
- Slim side arms for optimum comfort when working with ear defenders

P65

- Anti-scratch coating for added durability
- Anti-fog coating for additional comfort to the wearer

☑ Polycarbonate
☑ Clear, Smoke



ANSI

288
12

PW33 CLASSIC SAFETY GLASSES

AS

ANSI/ISEA Z87.1 +

ANSI/ISEA Z87.1 + S

EN 166 1 FT

EN 170 2C-1.2 (CLEAR)

EN 172 5-3.1 (SMOKE)

☑

- Wrap-around style for panoramic view
- Excellent side protection

☑

- Extendable side arms for secure and comfortable fit
- 99% UV protection

P65

- Available in multiple colorways

- Anti-scratch coating for added durability

☑ Polycarbonate
☑ Clear lens/Black temple,
Smoke lens/Black temple,
Amber lens/Black temple

ADJUSTABLE
ARM LENGTH



ANSI

288
12

PS30 PORTWEST OVER-SPEC

AS

ANSI/ISEA Z87.1 + U6

EN 166 1 FT

EN 170 2C-1.2

EN 172 5-3.1

☑

- Suitable for wearing over most prescription glasses
- Extendable side arms for secure and comfortable fit

☑

- Inclinable side arms for optimum fit

☑

- Lightweight and comfortable

P65

- Excellent side protection
- Anti-scratch coating for added durability

☑ Polycarbonate, Nylon
☑ Clear

ADJUSTABLE AND
EXTENDABLE ARMS





ANSI

GOGGLES AND EYE PROTECTION ACCESSORIES

200 20 **PW20 DIRECT VENT GOGGLES**

ANSI/ISEA Z87.1 +
EN 166 1 B

- Flexible PVC frame for ultra comfort
- Direct ventilation
- Lightweight wrap-around design
- 99% UV protection
- Adjustable elastic headband for a perfect fit
- Excellent side protection

 Polycarbonate, PVC
 X Clear





ANSI

216 36 **PW21 INDIRECT VENT GOGGLES**

ANSI/ISEA Z87.1 +
EN 166 1 B 3

- Flexible PVC frame for ultra comfort
- Indirect ventilation
- Ultra lightweight for long uses
- Adjustable elastic headband for a perfect fit
- Protects from fluid and splashes
- Excellent side protection

 Polycarbonate, PVC
 X Clear




ANSI



**PLASTIC
FREE WIPES**

PA01 LENS CLEANING WIPES

- Each towelette individually wrapped
- Anti-static and anti-fog formula
- Suitable for all Portwest safety eyewear

 X White 5" x 8"



**PLASTIC
FREE WIPES**

PA02 LENS CLEANING STATION

- Supplied in handy 'ready to hang' dispenser
- Low linting construction for minimal contamination
- Anti-static and anti-fog formula

 600 tissues per box
 X White 7.8" x 4.7"

HEARING PROTECTION

Portwest's hearing protection range includes PPE with different level sound attenuation, to be adapted to various working environments giving the correct protection from dangerous noise, without isolating the workers. This range of earmuffs offers a variety of models and colors allowing a personalized choice.



USA STANDARDS

ANSI (US American National Standards Institute)

S3.19 - 1974

This standard specifies the test method for determining the level of noise attenuation (NRR Noise Reduction Rating) of the hearing protection, as recommended by the EPA (U.S. Environmental Protection Agency) and in accordance with the Occupational Safety and Health Administration (OSHA).

Noise Reduction Rating (NRR)

This is a unit of measurement used to determine the effectiveness of hearing protection devices to decrease sound exposure within a given working environment, classified by their potential to reduce noise in decibels (dB).

Excessive noise is generally defined as exposure to 85 or more decibels of sound over an 8 hour period. According to OSHA, hearing protection is required for all employees at this degree of exposure. In all cases where the sound levels exceed the values shown below, a continuing, effective hearing conservation program should be implemented. Example: if a worker is exposed to 100dB in a 2 hour period, he is also required to wear hearing protection.

OSHA'S Permissible Noise Exposures

Duration per day, hours	Sound level dBA slow response
8	90
6	92
4	95
2	100
1	105
0.5	110
<0.25	115

EUROPEAN STANDARDS

EN 352-1: 2020 Hearing Protectors - Ear Muffs

EN 352-2: 2020 Hearing Protectors - Ear Plugs

EN 352-3: 2020 Hearing Protectors - Hard Hat Mounted Ear Muffs

EN 352-4: 2020 Hearing Protectors - Level Dependent Ear Muffs

EN 352-8: 2020 Earmuffs with Entertainment Radio

All these standards establish requirements with regards to the manufacture, design, performances and test methods.

SNR (Single Number Rating): Single average value of attenuation

HML: Attenuation values expressed in terms of average levels of frequencies

H: Attenuation of PPE at high frequencies (pitched noises)

M: Attenuation of PPE at medium frequencies

L: Attenuation of PPE at low frequencies (bass sounds)

ULTIMATE PROTECTION AGAINST HARMFUL NOISES

HEADBAND AND HARD HAT MOUNTED EAR DEFENDERS



30
10

PS43 EXTREME EAR MUFF
ANSI S3.19 NRR 30DB
EN 352-1 SNR 36DB

- Excellent attenuation rate
- Reflective trim for increased visibility and safety
- Padded headband for comfort
- Adjustable dual pin system provides multiple positioning for better fit

P65

ABS, PU Foam, Neoprene, Carbon Steel, Nylon, Foam 11oz
Gray

ANSI **NRR 30dB**



40
10

PW43 COMFORT EAR PROTECTOR
ANSI S3.19 NRR 26DB
EN 352-1 SNR 32DB

- Ultra light and compact ear muff
- Padded headband for comfort
- Adjustable length for a secure and comfortable fit
- Light and robust
- Retail bag which aids presentation for retail sales

P65

ABS, PVC, PU Foam 8oz
Black

ANSI **NRR 26dB**



60
10

PW41 SUPER EAR PROTECTOR
ANSI S3.19 NRR 25DB
EN 352-1 SNR 30DB

- Folds to palm size for better carriage and to keep clean
- Adjustable dual pin system provides multiple positioning for better fit
- Lightweight and comfortable
- Excellent attenuation rate

P65

HIPS (High Impact Polystyrene), PU Foam, Polyoxymethylene, Stainless Steel 9oz
Red

ANSI **NRR 25dB**



60
10

PW40 CLASSIC EAR PROTECTOR
ANSI S3.19 NRR 22DB
EN 352-1 SNR 28DB

- Ultra light and compact ear muff
- Adjustable length for a secure and comfortable fit
- 100% metal free
- Retail bag which aids presentation for retail sales

METAL FREE

P65

ABS, Polycarbonate, PVC 6oz
Red

ANSI **NRR 22dB**



60
10

PW47 ENDURANCE CLIP-ON EAR PROTECTOR
ANSI S3.19 NRR 24DB
EN 352-3

- Easy to clip-on
- Excellent attenuation rate
- Adjustable dual pin system provides multiple positioning for better fit
- Can be put in stand-off position for intermittent use

P65

ABS, Polystyrene, PU, Stainless Steel 10oz
Black, Red

ANSI **NRR 24dB**

EAR PLUGS



X10
200 **EP08** **CORDED PU FOAM EAR PLUGS**
(200 PAIRS)

ANSI S3.19 NRR 32DB
EN 352-2 SNR 36DB

- Disposable ear plugs made from soft PU foam
- Corded for safe keeping

- 2**
- Easy to fit
 - Excellent attenuation rate

- One pair per polybag for hygienic storage

P65 **PU Foam, PVC**
 Orange

ANSI **NRR 32dB**



NEW

X10
200 **EP30** **DETECTABLE CORDED PU EAR PLUGS**
(200 PAIRS)

ANSI S3.19 NRR 32DB
EN 352-2 SNR 36DB

- Disposable ear plugs made from soft PU foam
- Can be used in food industries (metal detectable)

- 2**
- One pair per polybag for hygienic storage
 - Corded for safe keeping

- Supplied in a handy portable dispenser box
- Individually packed for vending machines

P65 **PU Foam, PVC, Carbon Steel**
 Blue

ANSI **NRR 32dB**



X36
50 **EP04** **REUSABLE CORDED TPR EAR PLUGS**
(50 PAIRS)

ANSI S3.19 NRR 24DB
EN 352-2 SNR 30DB

- Corded for safe keeping
- One pair per polybag for hygienic storage
- Supplied in a handy portable dispenser box
- Retail box which aids presentation for retail sales
- Individually packed for vending machines

P65 **TPR, PVC**
 Orange

ANSI **NRR 24dB**



X36
50 **EP07** **DETECTABLE TPR CORDED EAR PLUGS**
(50 PAIRS)

ANSI S3.19 NRR 24DB
EN 352-2 SNR 30DB

- Can be used in food industries (metal detectable)
- One pair per polybag for hygienic storage
- Supplied in a handy portable dispenser box
- Individually packed for vending machines
- Retail box which aids presentation for retail sales

P65 **TPR, PVC**
 Blue

ANSI **NRR 24dB**

EAR PLUGS



X4 500 EP20 EAR PLUG DISPENSER

ANSI S3.19 NRR 32DB
EN 352-2 SNR 34DB

P65

- Plastic dispenser with 500 pairs of EP02 ear plugs included
- Wall mountable for secure storage
- Easy to use turn wheel to dispense ear plugs
- Can stand on even surfaces

Plastic
Black

ANSI

NRR 32dB

1 Unit of sale = 1 dispenser with 500 ear plugs.
4 dispensers in a carton.



X10 200 EP02 PU FOAM EAR PLUGS (200 PAIRS)

ANSI S3.19 NRR 32DB
EN 352-2 SNR 36DB



2



P65

PU Foam
Orange

- Disposable ear plugs made from soft PU foam
- Supplied in a handy portable dispenser box
- One pair per polybag for hygienic storage
- Easy to fit
- Excellent attenuation rate
- Retail box which aids presentation for retail sales

ANSI

NRR 32dB



X8 500 EP21 EAR PLUG DISPENSER REFILL PACK (500 PAIRS)

ANSI S3.19 NRR 32DB
EN 352-2 SNR 34DB



2



P65

PU Foam
Orange

- Disposable ear plugs made from soft PU foam
- Excellent attenuation rate
- Easy to fit
- Retail box which aids presentation for retail sales

ANSI

NRR 32dB

RESPIRATORY



Our Biztex™ brand ensures exceptional quality and performance across our full range of disposable masks. The extensive Biztex™ range offers a high level of protection and quality safeguarding the wearer against many workplace risks including liquid chemicals, static electricity, dry particles and radioactive contamination.

BIZTEX is a trademark of Portwest.



P201

NIOSH Standard:

42 CFR Part 84 classifies particulate respirators into nine different classes broken down into three levels of filter efficiency (95, 99 and 99.97%) and three categories of filter degradation (N, R and P). The selection of N-, R- and P-series filters depends on the presence or absence of oil particles. If no oil particles are present then any series filters (N-, R- or P-series) may be used. If oil particles are present then either R- or P-series filters may be used. If oil particles are present and the filter is to be used for more than one work shift, then only a P-series filter may be used. N-series filters cannot be used if oil particles are present.

The table below summarizes the difference between the NIOSH 42 CFR Part 84 and CE EN 149:2001 + A1:2009 standards.

Standard	Classification of the Filters	Efficiency Level	Breathing Resistance (Inhalation)	Total Inward Leakage	Categories of Resistance
NIOSH 42CFR-84	N95/R95/P95	95%	85L/Min 3,42 mbar	Not tested	N Series - Used in particulate environments free of oil aerosols
	N99/R99/P99	99%			R Series - Used for oil & non-oily particles aerosol (with time use limitations specified by NIOSH)
	N100/R100/P100	99.97%			P Series - Used for oil & non-oily particles aerosol (with time use limitations specified by manufacturer)
EN149:2001 + A1:2009	FFP1	≥80%	95L/Min	P1 = 78%	All masks can be used against oil & non-oily particulate aerosols
	FFP2	≥94%	FFP1: 2,1 mbar FFP2: 2,4 mbar FFP3: 3,0 mbar	P2 = 92%	
	FFP3	≥99%		P3 = 98%	



NEW

x30
20

P250 N95 FOLD FLAT RESPIRATOR

NIOSH N95
EN 149 FFP2 NR



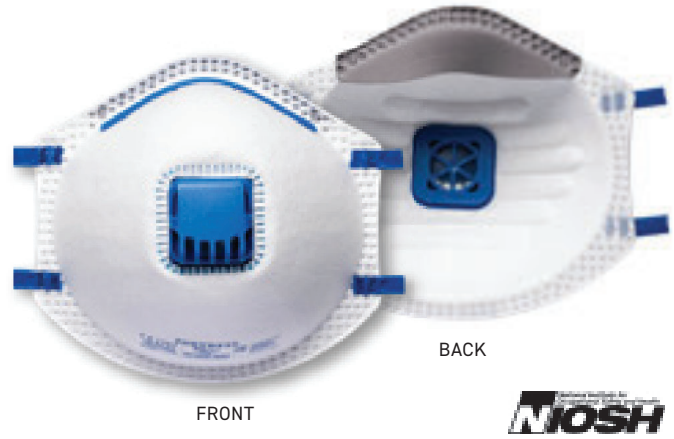
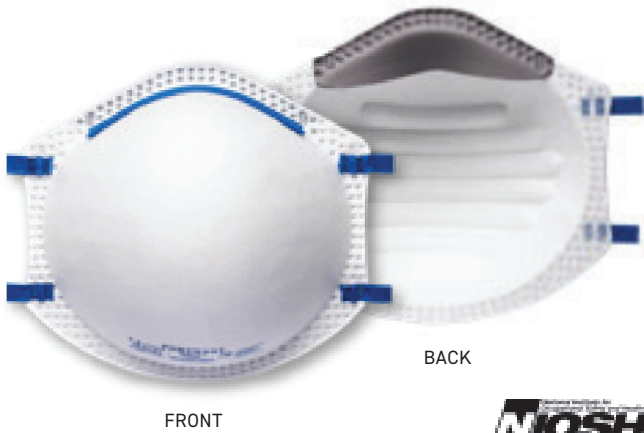
P65

- Special compact vertical fold-flat design
- 95% filtration efficiency against a wide range of non-oily particles
- Individually wrapped inside hygienic polybag
- Adjustable nose bar for improved fit and reduced fogging of glasses
- Ultrasonic welded head straps
- Foam padding around nose bridge for added comfort

PP, PU Foam
White

BIZTEX™

DISPOSABLE MASK N95



x30
20

P200 N95 CUP RESPIRATOR

NIOSH N95

EN 149 FFP2 NR

- Adjustable nose bar for improved fit and reduced fogging of glasses
- Ultrasonic welded head straps
- 95% filtration efficiency against a wide range of non-oily particles
- Foam padding around the nose bridge for additional comfort
- Large inner space to help the user to breathe more easily
- Comfortable cup style respirator

PP, EVA Foam
White

x30
10

P201 N95 VALVED CUP RESPIRATOR

NIOSH N95

EN 149 FFP2 NR

- 95% filtration efficiency against a wide range of non-oily particles
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- Adjustable nose bar for improved fit and reduced fogging of glasses
- Ultrasonic welded head straps
- Foam padding around the nose bridge for additional comfort
- Large inner space to help the user to breathe more easily

PP, EVA Foam
White



x4
x20
3

P209 N95 VALVED CUP RESPIRATOR - BLISTER PACK(3)

NIOSH N95

EN 149 FFP2 NR

- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- 95% filtration efficiency against a wide range of non-oily particles
- Adjustable nose bar for improved fit and reduced fogging of glasses
- Ultrasonic welded head straps
- Foam padding around the nose bridge for additional comfort
- Large inner space to help the user to breathe more easily

PP, EVA Foam
White

x30
10

P220 N95 CARBON VALVED CUP RESPIRATOR

NIOSH N95

EN 149 FFP2 NR

- Activated carbon layer for improved absorption of nuisance odors, organic vapors and welding fumes
- High performance exhalation valve to reduce heat and provide comfort when used in hot and humid conditions
- 95% filtration efficiency against a wide range of non-oily particles
- Adjustable nose bar for improved fit and reduced fogging of glasses
- Foam padding around the nose bridge for additional comfort
- Ultrasonic welded head straps

PP, Activated Carbon, EVA Foam
White