

HELMETS



Petzl RIG

A compact self-braking descender for experienced rope access workers.

This has replaced the heavier and bulky I'D S. The ergonomic handle allows convenient and comfortable control of the descent. There are two possible descent modes: on the side plate or in the V-shaped friction channel. The new stainless steel wear plate improves durability by reinforcing the rope friction zone often worn down quickly by those who make many quick descents. The AUTO-LOCK system allows users

to easily position themselves at the work station without having to manipulate the handle or tie off the device. Once locked, the rope can be taken up without having to manipulate the handle allowing for easy short ascents, for example (by adding a FOOTAPE or FOOTCORD foot loop and an ASCENSION handled rope clamp). It is also easy to install a rope, thanks to the rope guide and markings. Safety gate on the moving side plate allows the rope to be installed while the device remains connected to the harness. Handle automatically switches to storage position when the rope is removed from the device. SPECIFICATION: Maximum working load: 200 kg. Conformity: CE EN 341 type 2 class A, CE EN 12841 type C, CE EN 15151-1, NFPA 1983 Technical Use.

RIG	rope Ø	colour	weight	code	price
	10 - 11.5 mm	Black	400 g	PETD021AA01	£136.00



Petzl I'D L

Self-braking descender with anti-panic function

The I'D L is suitable for larger ropes [12.5 - 13 mm], loads up to 280 kg [150 kg for 1 person], and includes an anti-panic function. Further details of this product can be seen on our website.

I'D@	rope Ø	colour	weight	code	price
	12.5 - 13 mm	Red	600 g	PETD20R	£182.50

RIGGING HUBS



Medium



Small

NEW TYPE

PPE

Petzl Paws For organising the work station and creating multi-anchor systems. Made of aluminium. 3-year guarantee.

Conformity: CE, NFPA 1983 General Use. Breaking Strength: 45 kN.

Petzl Paws	colour	weight	code	price
Small	Black	60 g	PETG063AA00	£23.00
Medium	Black	180 g	PETG063AABA	£42.00



Specialist Rigging Hubs

These rigging hubs have a wide range of uses. When trying to rig an item in a particular position in a hall or arena from multiple anchor points it can end up being difficult to achieve a neat [and strong] point where all the lines meet up. Care needs to be

taken that clusters of karabiners position themselves correctly with no pressure on the gales etc. The rigging hub solves these issues by providing a single piece of CNC-machined aluminium which provides a WLL of at least 10 kN in all directions. The rounded slots and holes take karabiners, ropes or webbing. Conformity: EN 795[b]:2012.#

SPECIFICATION: Ø: 119 mm. Breaking strength: central eye/85 kN, outer kidney slots/45 kN.

Rigging Hub	weight	code	price
Medium	260 g	SAFARBHUB108	£96.25

General Information about Helmets

"Unless there is no foreseeable risk of injury you must provide your employees with safety helmets and decide when, where, and how they should be worn. Safety helmets must be worn in designated 'hard hat' areas. Only turban-wearing Sikhs are exempt from these requirements. Wear the helmet so that the brim is level when the head is upright, i.e. don't wear it sloping up or down as this may significantly reduce the protection it can provide. Don't use your helmet as a handy basket – it is designed to fit on your head, not for mixing cement or carrying nails! Don't paint it or use solvents to stick labels to it, or scratch an identification mark onto it, the shell could weaken and rapidly deteriorate. The manufacturer can be asked to add a label. Don't store them in heat or direct sunlight, such as in the rear window of a car." An extract from the HSE information sheet.

All straightforward stuff but there is often some confusion regarding chin straps.

Chin Straps

For work at ground level the helmet must come off easily if snagged – perhaps by a chain hoist hook or flying bar. The chin strap, if fitted, must release at 25 daN, around 25 kg. It must conform to EN 397. For work at height the helmet must remain on the head during impact and the chin strap must withstand more than 50 daN and conform to the mountaineering standard EN 12 492.

If using a Work at Height helmet at stage level the chin straps should not be employed if there is any risk of the helmet being snagged by hoists. The HSE information sheet simply says, "Chin straps should be provided and used if a job involves work in windy conditions, especially at height, or repeated bending or constantly looking upwards".

Helmets should be comfortable to wear, they should fit the head snugly and be positioned centrally. They should be able to be worn with other PPE items such as visors, head torches and ear defenders.



Bump Cap with LED Lighting

Gives protection against bumps and bruises on the head with a state-of-the-art shell. The built-in LEDs illuminate projects without a flashlight or bulky headlamp. Conformity CE EN 812. Powered by four CR2032 lithium ion batteries (included), 48 lumens brim length: 50 mm, Size:

Ergodyne Bump Cap	colour	code	list	price
	black	ERG23370	£39.95	£35.96

VAT on Helmets and Work Boots

This is slightly complicated. They must be made to the appropriate European or British Standard, bear a mark indicating the standards, and be for industrial use. They must not be supplied to persons for use by their employees. As an individual purchasing the appropriate helmet or work boot for industrial use you may be entitled to zero-rating.

Visit www.customs.hmrc.gov.uk for full details. We will ask you to sign a form if you would like to claim zero-rating on these products. The form can be downloaded at www.flints.co.uk/downloads.

WORK AT HEIGHT AND GROUND LEVEL

Petzl have updated their helmets, so they now all include an adjustable Dual chinstrap. What does this mean? It means you no longer need two helmets for working at height and at ground level, as you can adjust the strength of the strap to accommodate both!

PPE



Petzl Vertex Vent The Vertex Vent is ideal for working outside - the ventilation can be controlled by sliding shutters, perfect for blocking out rain and bad weather or keeping you cool in the sun! Also very useful for occasional work with electricity where there is a chance of sparks flying. Conformity: EN 12492, CE, EAC, ANSI Z89.1:2009 Type I Class C. Meets the requirements of the EN 397 and EN 12492 standards for protection against impact. Meets the optional requirements of the EN 397 standard for lateral deformation and use in low temperatures. May be eligible for zero rate VAT [page 339].

✓ Adjustable strength strap ✓ Comfortable ✓ Perfect for outdoor work ✓ Slots for mounting Pixa headlamps [page 356] ✓ Inserts for Vizir

Vertex Vent	head circumference	weight	code	price
Red	530 - 630 mm	490 g	PETA10CA2	£67.00
White	530 - 630 mm	490 g	PETA10CA0	£67.00
Black	530 - 630 mm	490 g	PETA10CA3	£67.00
Hi-Vis	530-630 mm	490g	PETA10EA0	£77.00

PPE



Petzl Vertex Replaces the Best and the ST A12. A traditional style industrial helmet with no ventilation holes for extra protection. Ideally suited to prolonged or regular work with electricity where the hard shell will safeguard against sparking. Conformity: CE, EN397, EN12492, EN50365, ANSI Z89.1 Type 1 Class E, EAC, AS/NZS1801: meets all requirements of EN 12492 standard, except the ventilation requirement. May be eligible for zero rate VAT [page 339].

✓ Adjustable strength strap ✓ Good all-rounder helmet ✓ Slots for mounting Pixa headlamps [page 356] ✓ Mountings for Peltor Ear Muffs [page 341] ✓ Inserts for Vizir.

Vertex	head circumference	weight	code	price
Yellow	530 - 630 mm	495 g	PETA10AA1	£67.00
White	530 - 630 mm	495 g	PETA10AA00	£67.00
Black	530- 630 mm	495 g	PETA10AA3	£67.00
H-Vis	530 - 630 mm	495 g	PETA10DA00	£77.00

PPE



Petzl Strato Vent Lightweight and comfortable the Strato Vent is the perfect choice for all day wear. Large ventilation on the sides of the helmet give a cool airflow to the head, whilst the foam interior gives an impressive strength to weight ratio. Conformity: EN 12492, ANSI Z89.1 Type I Class C. May be eligible for zero rate VAT [page 339].

✓ Adjustable strength strap ✓ Lightweight and really comfortable ✓ Slots for mounting Pixa headlamps [page 356] ✓ Inserts for Vizir

Strato Vent	head circumference	weight	code	price
Yellow	530 - 630 mm	425 g	PETA20BA1	£77.00
Hi-Vis	530 - 630 mm	425 g	PETA20DA0	£87.00

HEAD PROTECTION AT GROUND LEVEL



PPE



Supplied white

Zero rated for VAT, see page 339

Standard Industrial Helmet Made from high density polyethylene with top vents, a rain gutter and a foam sweatband. Pin lock harness adjusts from 530 mm to 630 mm. Conformity: EN 397:1995 +A1:2000.

Standard Industrial Helmet	weight	code	price	10+
	340 g	SAF010	£7.89	£6.85



PPE



Supplied yellow

Zero rated for VAT, see page 339

Deluxe Safety Helmet A tough and functional high density polyethylene helmet with top vents, a rain gutter and a foam sweatband. Six-point terylene harness with a ratchet knob for a quick fit. Conformity: EN 397:1995 + A1:2000.

✓ Ratchet knob quickly adjusts fit from 530 mm to 630 mm

Deluxe Safety Helmet	weight	code	price	10+
	380 g	SAF014	£10.29	£9.22

ACCESSORIES FOR PETZL HELMETS

PPE



VIZIR Protective eye shield for VERTEX and STRATO Helmets. Mounting inserts for easy installation. Pivots quickly from "work" position to "storage" position on top of the helmet. Scratch and fog resistant. Conformity: CE EN 166, 1BT, ANSI Z87.1, EAC.

VIZIR	weight	code	price
	65 g	PETA015AA00	£42.00



For Vertex



For Strato

Reflective and Transparent Stickers Personalise your helmet with these stickers. Using paint or marker pens directly on our helmets can damage them. These

stickers from the manufacturers are suitable for the Petzl Helmets. The transparent stickers can be marked with permanent marker or laser printer.

Personalisation Stickers	code	price
Page of 36 transparent stickers	PETA10100	£5.00
Four precut reflective stickers for Vertex	PETA10MA00	£8.00
Four precut reflective stickers for Strato	PETA020FA00	£8.00



Headband



Crown replacement foams

Foams for Petzl Helmets We stock replacement foams and machine washable comfort

foams to suit the Vertex and Strato helmets. There are replacement pieces for the headband, as well as the crown - both are available as absorbant washable pieces, or standard wipe-down pieces. NB. the non-absorbant crown replacement foams do not come with the additional comfort pads.

Helmet Foams	weight	code	price
Non-absorbant Headband	15 g	PETA010KA00	£5.00
Washable Absorbant Headband	15 g	PETA010LA00	£5.00
Non-absorbant Crown foam	10 g	PETA042MA01	£6.65
Washable Absorbant Crown foam	10 g	PETA042MA00	£6.65

EYE PROTECTION



Safety/Sport Spectacles

Face-fitting curve gives maximum protection, comfort and user acceptance.

Soft flexible curved temples. Comes supplied with two sets of arms with curved or straight earpieces. Lenses are 4A-coated polycarbonate which is anti-mist, anti-scratch, anti-UV, and anti-static. Conformity: EN 166 1.F [CE Marked] CSA Z94.3 and ANSI Z87.1.

Technical Performance

- ✓ Impact resistance = 6 mm steel ball at 45 m/sec
- ✓ Visible light transmission = 92% minimum
- ✓ UV absorption = 99% up to 365 Nm
- ✓ Heat resistance = up to 80°C
- ✓ Abrasion resistance = EN 166

Safety Spectacles	code	price	10+
Clear	SAFT565BC	£12.38	£11.15
Smoked (sunglass)	SAFT565BS	£12.38	£11.15



Scan Direct Vent Clear Goggle

Polycarbonate lens withstands medium energy impacts of up to 120 m/s [270 mph]. CE approved to EN 166 1.

Scan Direct Vent	code	price
	SCAPPEGDV	£6.00



Pulsafe Vistamax VNC 21 Dual Lens Clear Goggle

Polycarbonate inner lens, chemical resistant acetate outer lens. Fitted with anti-mist condensers for clear viewing. CE approved to EN 166 1 B 345 [Chemical splash, dust and gas].

Pulsafe Vistamax	code	price
	SAF031	£8.09



Pulsafe Armamax Overspecs

Clear polycarbonate with an abrasion resistant coating. Can be worn over prescription spectacles. CE marked to CE EN 166:2001.

Pulsafe Armamax	code	price
	SAF030	£7.95



Varionet Safety Glasses

Reading Glasses and Protective glasses in one. Great for detailed working on fiddly jobs. Side protection with anti fog ventilation. Adjustable arms. Available in: +1.50, +2.00, +3.00, +3.50 lenses.

Specification: Material: Polycarbonate and Nylon. Certification: EN166 FT & ANSI Z87+.

Varionet Hardcase with hook Simple case with hook for easy storage.

Varionet Clip On Light Compatible with any glasses, a handy clip on light with simple on/off button. Great in crawl spaces.

Varionet Safety 150	code	price
+1.50	SAFVH10150	£22.00
+2.00	SAFVH10200	£22.00
+2.50	SAFVH10250	£22.00
+3.00	SAFVH10300	£22.00
+3.50	SAFVH10350	£22.00
Hard Shell Glasses Case With Hook	SAFCASE01	£4.50
Varionet Light	SAFLED01	£4.75

See previous page for Helmet Visors and page 289 for Welding Helmets.

EAR PROTECTION



Scan Ear Defenders

A lightweight general purpose ear muff. Simplified noise reduction rating of 25 dB. Suitable for use in most industries. Easily adjusted. Retains chosen position with a 'twist and lock' mechanism. Manufactured to CE EN 351-1: 2002

Scan Ear Defenders	code	price
	SAF004	£9.85



Peltor Helmet Ear Muff

Developed for noise-hazard environments and muffles even extremely low frequencies. Noise reduction rating of [SNR] 30 dB. The sealing rings are filled with a unique combination of liquid and foam giving

an optimum seal with low contact pressure providing snug comfort even during long-time use. Only for use with the Petzl Vertex Helmets.

- ✓ Slot attachment with quick mounting without tools
- ✓ Working, airing or park positions
- ✓ Attachment for visor and rain

Note: They clip very easily into place but are a bit of a struggle to get off.

Peltor Helmet Ear Muffs	code	price
	SAF254350	£24.45



Bilsom 303 Series Ear Plugs

Shaped disposable polyurethane-moulded plugs. Gives better protection for longer periods because of higher level of comfort.

Noise reduction rating of 29 dB when properly fitted. Always pull the ear up and back when inserting them. Improper fitting will reduce the effectiveness. Conformity: CE EN 352-2.

Bilsom 303 Series Ear Plugs	quantity	code	price
One size only	200 pairs	SAF005LD	£29.68



3M EAR Classic Foam Ear Plugs

The soft energy absorbing polymer foam provides excellent hearing protection and all-day comfort. Noise reduction rating of 28 dB. Improper fitting will reduce the effectiveness.

Conveniently packed in pairs. Conformity: CE EN 352-2:1993.

3M EAR Classic Foam Ear Plugs	code	price	10+
One size only	SAF254248	£0.42	£0.35

Noise Protection

Subjecting your ears to loud noise will eventually effect your hearing.

A very loud noise could have an immediate effect but even general noise over a period will be detrimental. In the entertainments' industry staff in a rock concert could be subjected 100 dB, even Wagner's Ring Cycle will achieve over 90 dB. In these environments proper advice should be sought to effectively manage the issue by reducing the exposure.

If the daily or weekly exposure reaches 80 dB the employer must give information on the risks and protection measures to their staff and they must provide ear protectors in good order. If the weekly or daily level reaches 85 dB not only must ear protection be provided but it must be worn.

General purpose ear muffs generally claim to reduce the noise by 20 - 30 dB. However, tests have shown that poor fitting, wearing glasses etc. will probably reduce the manufacturer's claim by about 4 dB.