

RPB NOVA 3

THE ULTIMATE BLASTING RESPIRATOR



Nova 3 | Ultimate in comfort and performance

The ultimate in comfort and performance with a list of safety features to match, this industrial respirator will exceed all your expectations. The Nova 3 lens system along with the Nova Talk communication system sets the helmet apart from the rest.

FEATURES

- Helmet features
- Safety
- Accessories

A QUANTUM LEAP IN BLASTING RESPIRATOR TECHNOLOGY

It's the advanced design features that make this the most comfortable blasting respirator in the world!

The Nova range of respirators has always had the edge in the market because of the continuous research and design program that progressively improve the design with each model. Once again, the Nova 3 respirator is the game changer!

The Nova 3 Series respirator combines breakthrough protection technology with advanced comfort and functionality, surpassing even the most rigorous industry standards and the demands of the most quality-conscious companies.

NIOSH
Type CE Supplied Air
Respirator



THE GAME CHANGER IN THE CORROSION CONTROL INDUSTRY

COMFORT-FIT PADDING SYSTEM

Side pads are available in 3 sizes and are moulded to encase the ears, offering superior comfort and increased hearing protection.

The moulded headliner is designed to reduce the pressure points on the head and evenly balance the weight of the helmet – it's the most evenly balanced helmet on the market.

The back neck support is ratchet adjustable to custom fit the helmet to your head.



DURABLE, PROTECTIVE HELMET SHELL

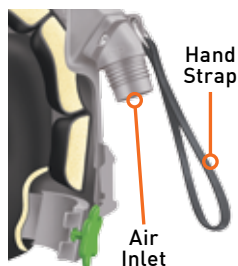
The shell is high pressure injection moulded from engineering grade nylon – designed and built to last in harsh conditions. The light grey crown of the helmet actively reflects the sun to reduce heat.



FIELD REPLACEABLE AIR INLET FITTING AND HAND STRAP

The inlet features a unique thread so the Breathing Air Tube fits easily every time. Should it get damaged, it is easily replaced on-site.

Carrying and hanging the helmet up is made easy with the Hand Strap.



STREAMLINED AIR SYSTEM

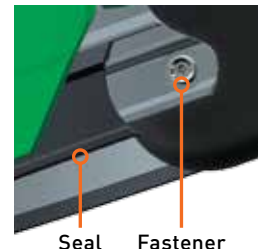
The air channel prevents head chill and keeps the operator comfortable.

The vent system evenly distributes air around the head and ensures airflow across the visor reducing lens fogging.



SECURELY ATTACHED CAPE AND CLIP-ON SEAL

The cape is secured with eight snap fasteners and covered with a rubber seal which provides extra protection, stopping dust and abrasive entering the helmet.



MACHINE WASHABLE PAD LININGS

Lining pads are easily removed and reattached with a quick clip system.

The pad covers can also be removed simply for washing to maintain helmet hygiene.



THE KEY TO IT ALL!

A hex lock key located inside the helmet is the only tool required to undo all removable parts.



CHOOSE YOUR CAPE

You have the choice between a **Leather Cape**, a **Nylon Cape** or a **Nylon Blast Jacket**. All are available in a long or short length to suit your needs, making the RPB Nova 3 Respirator even more adaptable to your application.



Standard Nylon Cape
Long or Short



Standard Leather Cape
Long or Short



Nylon Blast Jacket
Long or Short

THE LENS SYSTEM

TEAR-OFF LENS SYSTEM

Our unique Fit and Save™ tear-off lens system is easy to reload and ensures you only remove one lens at a time – GUARANTEED!



“10 SECOND SWAP” INNER LENS SYSTEM

The patented inner lens system reduces downtime to a minimum. The procedure is quick, clean and easy – even while wearing blasting gloves.

A Simply unclip the lens frame and remove it from the helmet

B Remove the old lens and replace it with a new lens

Clip the frame back into place!

ALL DONE IN 10 SECONDS!

No more struggling with inner lenses and stubborn seals.



DUST/BELLOW SEAL

A bellow seal system provides a barrier to dust and particulates. The visor is designed to seal between the bellow and the helmet brim. Taping up lenses before blasting are now a thing of the past!



ROBUST VISOR AND GLOVE SIZED LATCH

The whole visor can be removed easily for quick lens replacement. The durable latch is easy to find and can be opened **even while wearing blasting gloves!**



LARGER VIEWING WINDOW

Provides optimum downward vision and maximum peripheral vision, because seeing what is around you is important for your safety! **Allows 30% more downward vision than other helmets on the market.**



See the comparison below.

Why is this increased vision so important? Let's take a look:



View from Competitor Helmet A



View from Competitor Helmet B



View from the **rpB NOVA 3 RESPIRATOR**

RPB NOVA TALK[®] COMMUNICATION SYSTEM



COMMUNICATE WHILE YOU BLAST

The Nova Talk System is a wireless communication system designed to improve the blasting experience, raise safety levels and further increase the productivity gains provided by the Nova 3 Helmet.

The Nova Talk System enables the blaster to contact other crew members at all times. This is ideal for use in tanks, shipyards, water towers and any other inaccessible jobs where operators are out of sight. The Nova Talk System can also be used in operator training. This allows the trainer to instruct and help the trainee without time consuming stops.

GREATER PRODUCTIVITY

The ability to communicate while blasting increases productivity, reduces breaks in operations and reduces overall downtime to a minimum.

ULTIMATE COMFORT

The Nova Talk headset is encased in the pillow foam padding of the Nova 3, so that the ultimate comfort experience which the Nova 3 provides is maintained.

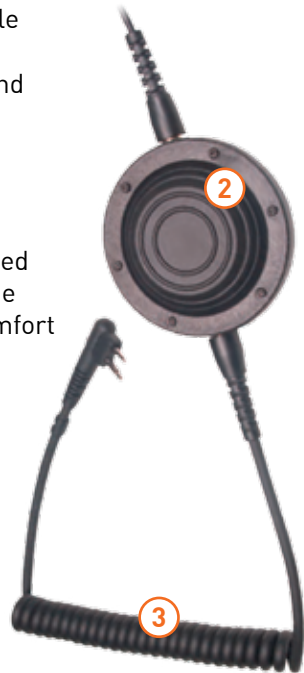
COMPATIBILITY

The Nova Talk System is compatible with most radio systems. **Contact the BlastOne Sales Team for further information.**

PUSH-TO-TALK

The large Push-to-Talk button is sealed for durability and is designed for easy activation. The button can be mounted on a belt clip which swivels 360°, allowing it to be easily adjusted for ease of use and comfort.

The PTT button can be belt-mounted or mounted to the optional chest harness.



FEATURES

- ① Encased headset in pillow foam padding – maintains the optimum comfort of the Nova 3 Helmet.
- ② Robust Push-to-Talk (PTT) button – designed for harsh environments.
- ③ Your choice of cable – designed to adapt to most radios.

OPTIONAL EXTRAS



Raider Headset



Chest Harness

NOVA 3 HELMET CUTAWAY

A CLOSER LOOK AT THE NOVA 3 RESPIRATOR FEATURES

Every design aspect of the Nova 3 has been taken into consideration – from the comfort-fit padding system to the position of the hex lock key.

MOULDED HEAD LINER PADDING

Provides the ultimate in comfort by reducing the pressure points on the head and evenly balancing the helmet.

SUPER-PROTECTIVE HELMET SHELL

Built for harsh conditions – tested and approved to AS and NIOSH Standards.

DUST SEAL

A bellows seal system provides a barrier to dust and abrasive.

REMOVABLE VISOR

Easy to remove visor frame for efficient tear-off lens replacement.

LARGE VIEWING WINDOW

Provides optimum downward vision and maximum peripheral vision.

“10 SECOND SWAP” INNER LENS SYSTEM

The procedure is quick, clean, easy, and can be done whilst wearing leather gloves!

LARGE GLOVE SIZED LATCH

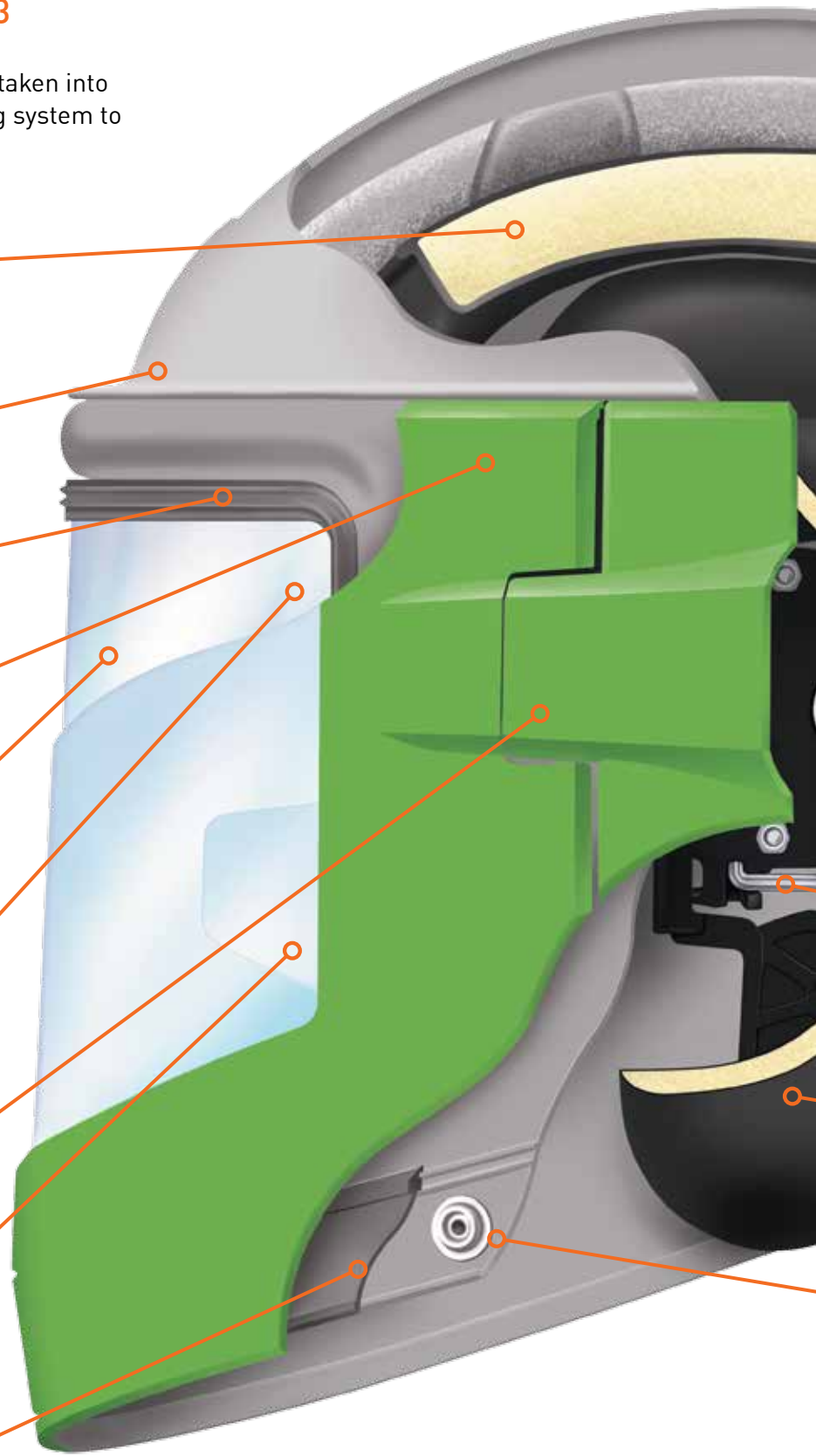
The frame latch is robust and easy to locate – even with blasting gloves on.

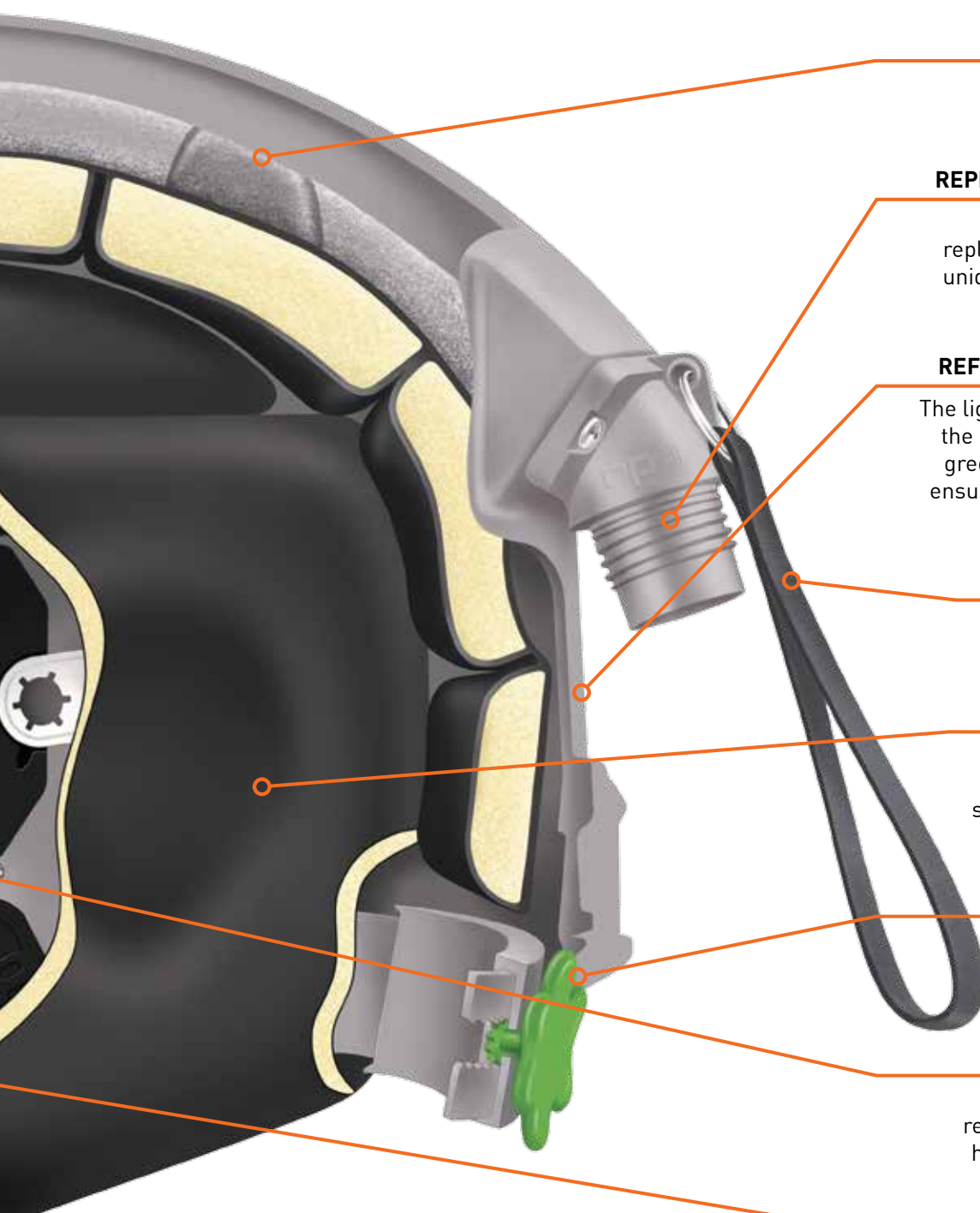
TEAR-OFF LENS SYSTEM

Tear-off lenses are designed to ensure only one lens is removed at a time and they are easy to reload.

CLIP-ON CAPE SEAL

Holds and seals the helmet to stop dust and abrasives entering.





STREAMLINED AIR SYSTEM

Brings air to the breathe zone and reduces lens fogging.

REPLACEABLE AIR INLET FITTING

The air inlet is now an easily replaceable part and comes with a unique thread so the hose can't be installed incorrectly.

REFLECTIVE AND HIGHLY VISIBLE

The light grey colour actively reflects the sun, reducing heat – the bright green and optional high vis sticker ensures high visibility is maintained at all times.

HAND STRAP

Easy to carry and perfect for hanging in storage.

COMFORT-FIT SIDE PADDING

Available in 3 sizes, the pads encase the ears – provide superior comfort and increased hearing protection.

RATCHET FIT STRAP

Custom fits to your head and ensures the helmet never slips forward.

HEX LOCK "ALL-IN-ONE" KEY

This is the only tool needed to remove all attached parts on the helmet – it can't get any easier!

HELMET HYGIENE

Pads are easily unclipped and all pad linings are removable and machine washable to maintain helmet hygiene.

SECURELY ATTACHED CAPE

Secured with eight snap fasteners, the cape is easily attached and you are ensured it won't fall off.

SAFETY

CARBON MONOXIDE (CO) – THE INVISIBLE KILLER!

The Radex™ CO Monitor from BlastOne is uniquely designed to offer the user many great features and ultimate peace of mind.

TRACEABILITY

What makes this Radex CO Monitor unique? Advanced traceability that lets you see exactly what's happening in your plant. The software lets you view and download data showing alarms, carbon monoxide levels and temperatures.

By clicking in real time you can see what is happening right now! The unit will hold up to 2 years information.

This smart unit can be as simple or as technical as you want it to be. For ease of use, all you need is to follow the simple steps:

- Connect the Power
- Connect the Air Supply
- Turn the unit ON

It's that simple, no set point required!

WALL MOUNTED OPTION

The Radex CO Monitor can be mounted onto the wall using a universal mounting bracket. It prevents the unit from falling off a bench or getting in the way on the floor.



RADEX™ BREATHING AIR FILTER MOUNTED

The RPB GX4 can also be mounted on the back of a Radex Breathing Air Filter, guaranteeing that the unit is working while data recording provides traceability.



STROBE LIGHT AND ALARM

The Radex CO Monitor has an alarm as standard, but this can be extended with a strobe light, air horn or siren as an additional safety measure.



CALIBRATION CHECKS

A user can check that the CO Monitor is working correctly by running a sensor check on each cartridge. The gas sensor cartridges come pre-calibrated but should be checked regularly to ensure they are still calibrated within government regulations.



* All units should be calibrated every 6 months.

CABLES

Extra cables are available to extend your existing cable or to replace frayed or damaged ones.



PC CONNECTION

The Radex CO Monitor can be connected to a PC by installing the supplied software – you can view and download data recordings which show alarms, carbon monoxide levels and temperatures. You can also click on Real Time and view what is happening right up to the minute. All this information can be held for up to 2 years.



RPB GX4 GAS DETECTION MONITOR



The RPB Gas Monitor is the solution for ensuring employees are working in a safe environment. The intelligent gas monitor has the ability to detect up to four gases, giving you peace of mind.

Gases such as carbon monoxide are invisible to the human senses, yet are commonly found in

industrial premises worldwide. While low level exposure may not be immediately fatal, ongoing contact at low levels has a cumulative effect, causing serious illness and long term health concerns.

TOUGH CASE

Strong nylon ABS case that will handle the harshest of conditions

ALARM

103 DBA staccato alarm

MULTIPLE GAS DETECTION

Monitor up to four gases simultaneously

DIGITAL DISPLAY

Clear and Illuminated display that shows real time data

CARTRIDGES

cartridges can be easily removed and replaced

AIR INLET

Push release air inlet

BRACKETS

Sturdy mounting brackets

POWER INLET

Robust power inlet



Quality accessories to compliment the RPB NOVA 3[®] Respirator.



CUSTOM-MADE DECALS

Trying to identify which helmet belongs to who when setting up a job can be an issue, but scratching or writing your name on the helmet can void the NIOSH Certification.

Why not personalise your Nova 3[®] Helmet with a stylish sticker of your choice? Order your customised decals to ensure everyone locates their helmet quickly. It will also take the guess work out of locating blasters while they are working. You can include a reflective stripe to increase visibility and safety.

Talk to us about your requirements.



FLOW CONTROL VALVES

These valves regulate the flow of breathing air to your helmet.

They are available in two designs:

1. **Fully Adjustable Flow Control Valve**
(Part Number: HL NV2016)
2. **Constant Flow Control Valve**
to suit low pressure systems
(Part Number: HL NV2015)



REPLACEABLE LENSES

A full range of lenses are available for the Nova 3[®] Helmet:

1. **Inner Lenses (10)**
(Part Number: HL NV3722)
2. **Outer Lenses (50)**
(Part Number: HL NV3724)
3. **Tear-Off Outer Lenses (50)**
(Part Number: HL NV3725)



RPB C40 CLIMATE CONTROL DEVICE

(Part Number: HL NV03-501)

No matter what the temperature, the C40 is built tough for harsh environments.

Manufactured from high temperature medical grade nylon. Ergonomic yet fully functional design offers optimal temperature control through the patent pending RPB u-tube. Incoming air can be cooled by up to 29 degrees Celsius (52°F) or heated up to 18 degrees Celsius (33°F).

The new temperature lever allows the operator to select either cool or hot air. Exhausted air is directed away from the body. Choose from a range of inlet couplings. The C40 has easy change air filters.



INTERESTED IN SOME OTHER ACCESSORIES?



RADEX™ AIRLINE FILTER

The filter offers increased capacity, versatility and filtration. This important item can be floor or wall mounted, increasing filtration capacity, enabling you to meet worker's safety needs and improve their working environment.

The large capacity 6-stage filter cartridge removes moisture, particulates to 0.5 micron and odor from the compressed air stream providing clean breathable air. The auto drain valve continually removes moisture from the filter housing, increasing the lifespan of the filter cartridge.

The instant air pressure control provides the ability to adjust air pressure at a range of 0-125 psi.

Up to six outlets can be added to the unit. A quick disconnect coupler is provided that is compatible with many of the leading brands of hoses.

RPB T100 SERIES AIR FED RESPIRATOR

With more than adequate room, the T100 Air Fed Respirator offers the wearer maximum comfort.

The T100 provides lightweight protection, superior safety and quality making it economical through increasing productivity at a low cost.

It is light, ensures 'full coverage' and allows a great vision range. The high velocity impact protection lens keeps operator's eyes protected without wearing any additional eyewear.

The alternative is the tight-fitting full face respirator which calls for the wearer to also wear a head sock.



HEAD SOCKS AND SPRAY HOODS

Head Socks come in a cool knit fabric. They provide a comfortable fit and protect from overspray. They can also be worn as a hygienic helmet liner. One size fits all. Available in convenient packs of ten.



Spray Hoods are designed in cool, cotton calico for optimum comfort. The hoods provide protection from overspray and sanding dust. Available in packs of ten. One size fits all.



Upgrading from an older helmet?

Arrange a trade-in today!

Call BlastOne on 1800 190 190



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