

BETA**FIT**
INNOVATIVE PPE EXPERTS

PRODUCT GUIDE

2024



COMFORT • QUALITY • COMPLIANCE

Dear Customer,

Welcome to our 2024 catalogue! It is packed with many new products, alongside our trusted traditional ones that you rely on.

From our humble beginnings in 2004 with a small range of disposable masks, the Betafit brand is rapidly evolving to become an innovative solution for PPE 'above the neck'.

Innovation runs deep in the team here, and you'll see evidence of this throughout the catalogue such as new lens technology, modern designs and advanced hearing protection.

We are also delighted to include safety helmets, a whole new category that fits perfectly into the comfort, quality and compliance ethos that we are passionate about.

In the last twelve months we've worked hard to bring these new products and innovations to market, and we trust you're as excited as we are.

We look forward to working with you to make 2024 a safe and successful year.



Vern James, on behalf of the Betafit Team

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SUSTAINABILITY

Innovation and sustainability are two pillars of progress that go hand in hand in our modern world. Innovation is the driving force behind the development of new ideas, technologies, and solutions, while sustainability is the responsible stewardship of our planet's resources and the well-being of future generations.

We are working towards creating new technology and new products that improve safety, ease of use and give solutions to your safety requirements.

At Betafit, our sustainability strategy has three key areas:

- 1. Ocean plastic recycle and re-use.** We're committed to reducing plastic waste, revolutionizing our products' lifecycle through innovative recycling solutions. Our continued efforts on our ocean recovery project uses materials made from recycled fishing nets in our PPE, with every item produced being a step towards cleaner oceans.
- 2. Plastic packaging reduction.** We are transitioning products to plant-based and recycled packaging and tissue wrapping to greatly reduce the amount of plastic packaging that has become the industry norm for many years.
- 3. Becoming carbon neutral.** We're working towards becoming a Certified Carbon Neutral company. This means we will put back in to the environment as much, or more, than we take out of it.



OUR VALUES



Customer Centric: We base everything around the customer. We're dedicated to exceptional customer service, innovative products, and delivering solutions that exceed customer needs.



High Trust: Trust forms the cornerstone of our relationships, enabling collaboration, open communication, and mutual respect among colleagues, customers, and our supply chain.



Care About People: Our commitment to caring extends beyond business. It's about the safety of each individual, understanding their needs, and supporting their well-being.



Thrive on Teamwork: We work together closely, leveraging diverse perspectives and skills to achieve more than any one person could alone.



Attention to Detail: Excellence lies in the details, especially so when we are taking care of people. We are committed to precision, accuracy, and quality in everything we do, consistently.



Growth Mindset: We believe in continuous growth, both individually and as a business. Gaining customer confidence ensures this growth is long-term.



SAFETY EYEWEAR

BETAFIT & X2 Eyewear

provides a collection that goes beyond being simply stylish; they are also known for their comfort and, most significantly, for surpassing rigorous safety standards.



BETAFIT & X2 EYEWEAR

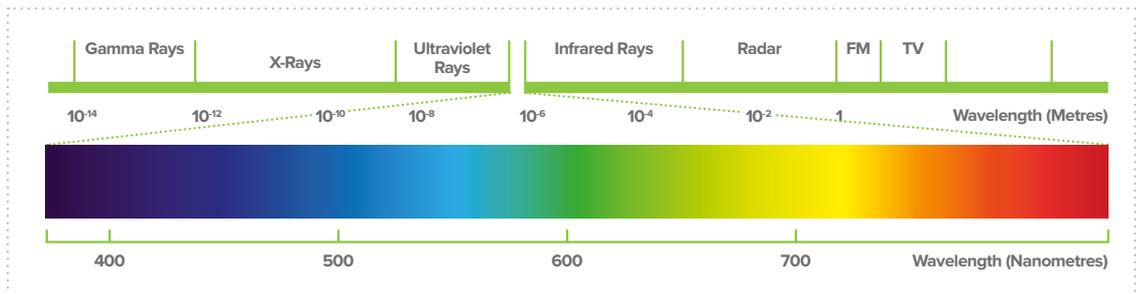
BETAFIT & X2 EYEWEAR OFFERS A RANGE THAT IS NOT JUST STYLISH, THEY ARE ALSO COMFORTABLE AND MOST IMPORTANTLY EXCEED TOUGH SAFETY STANDARDS.



The complete range meets the highest level of impact protection for safety spectacles. They are all Optical Class 1 and also meet the additional EN169, EN170 and EN172 standards where applicable.

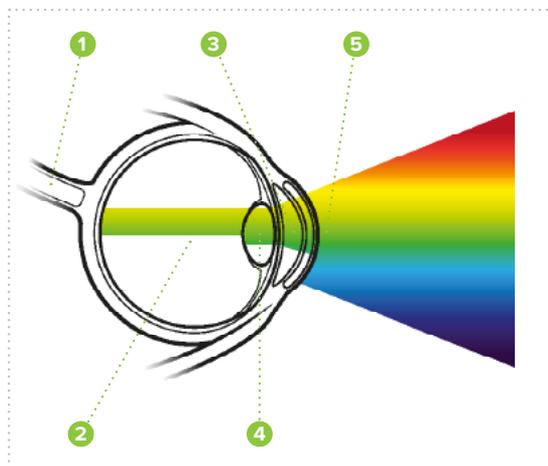
The additional requirements within EN166 of T (extremes of temperature), K (resistant to surface damage) and N (resistance to fogging) only confirms the attention to detail and outstanding quality of these spectacles.

VISIBLE LIGHT SPECTRUM CHART



Using the correct lens filter will offer the correct protection and excellent colour recognition in accordance with the EN172 standard.

UV AND THE EFFECT ON THE EYE



When protecting the eyes it is important to select the correct type of lens filter.

Clear Polycarbonate Lenses offer protection at the lower (UV215 to 380NM) range, whilst a filter conforming to EN172 offers additional protection through the visible light range (sunlight etc.) spectrum to 780nm.

- 1 Optic Nerve
- 2 Eyeball
- 3 Pupil
- 4 Lens
- 5 Cornea



UNDERSTANDING EN PRODUCT MARKING

CODE NO.	FILTER TYPE (MARKED ON LENS)
None	Welding Filter
2	UV Filter, colour recognition may be affected
2C or 3	UV Filter with good colour recognition
4	Infrared Filter
5	Sun glare Filter without IR specification
6	Sun glare Filter with IR specification

SHADE NO.	SHOWN AFTER CODE NUMBER
1.2	Clear, Amber
1.4	XTP, Blue
1.7	Anti Flash
2.5	Smoke, Silver Mirror, Blue Mirror
3.1	Dark Smoke
5.0	(Gas welding filter only)

EN STANDARDS

- EN166** General Specifications
- EN169** Welding Filters
- EN170** Ultraviolet Filters
- EN 171** Infrared Filters
- EN172** Sun glare Filters for Industrial Use

OPTICAL CLASS	
1	+_ 0.06 dioptries - can be worn at all times
2	+_ 0.12 dioptries - should only be worn for occasional use
3	+_ 0.25 dioptries - should not be worn for long periods

* Please note the complete Betafit and X2 Range is Optical Class 1

MECHANICAL RESISTANCE

	IMPACT LEVEL	MAXIMUM SPEED	TYPES OF EYE PROTECTION
A (T)	High Energy Impact	190m/s	Face shields
B (T)	Medium Energy Impact	120m/s	Face shields/Goggles
F (T)	Low Energy Impact	45m/s	Face shields/Goggles/Spectacles
S	Increased Robustness	5.1m/s	Spectacles (Generally Prescription)

Frame/Lens has had additional extreme temperature test at -50°C and +55°C

OPTIONAL REQUIREMENTS	
K	Resistance to Surface Damage by Fine Particles
N	Resistance to Lens Fogging
T	Mechanical Resistance at Extreme Temperature of -%°C and +55°C

EXAMPLES OF LENS AND FRAME PRODUCT MARKINGS



LENS PRODUCT MARKINGS	
2-1.2	Filter Code & Shade Number
BF	Manufacturer Identification
1	Optical Class
FT	Mechanical Resistance
KN	Optional Requirements
CE	CE Mark



FRAME PRODUCT MARKINGS	
BF	Manufacturer Identification
166	Standard
FT	Mechanical Resistance
CE	CE Mark

UNDERSTANDING TYPES OF LENS



ANTI SCRATCH



AMBER LOW LIGHT



BLUE LIGHT BLOCKER



K & N RATED



WATER REPELLENT



INDOOR & OUTDOOR



ANTI FOG



SUNLIGHT PROTECTION

LENS FILTERS

Choosing the right lens filter is critical, so we have explained how each lens option is designed to protect people, when working in different environments.

Each lens type has a VLT rating, indicating the amount of Visible Light Transmission provided with that filter. For further technical advice, please study the following pages, or contact our sales team by telephone, or via the website.



1

1. CLEAR

Clear Polycarbonate Lens for use in all general conditions that require impact protection

VLT = 91%



2

2. XTP

Lightly Tinted Polycarbonate Lens, ideal for working outdoors on cloudy days or inside under artificial lighting

VLT = 64%



3

3. HD BLUE

Blue Polycarbonate lens, for use in low light conditions and to sharpen definition

VLT = 59%



4

4. AMBER

Amber Polycarbonate lens, for use in low light areas and in artificial light conditions

VLT = 83%



5

5. SILVER MIRROR

Smoke Grey Polycarbonate Lens with silver mirror flash coating, ideally suited to working outside in bright sunlight

VLT = 22%



6

6. BLUE MIRROR

Smoke Grey Polycarbonate Lens with blue mirror flash coating, ideally suited to working outside in bright sunlight

VLT = 22%



7

7. SMOKE GREY

Smoke Grey Polycarbonate Lens for use in sunny conditions and general outside use

VLT = 22%



8

8. LIGHT GREEN

Light Green Anti-Flash (Shade 1.7) Polycarbonate Lens, for use in welding areas to protect against welding flash

VLT = 55%



9

9. DARK GREEN

Dark Green (Shade 5) Polycarbonate Lens, for use when gas welding, brazing or cutting (NOT for Electric Arc Welding)

VLT = 2%



10

10. BLUE LIGHT BLOCKER

Special lens for that can block or absorb a portion of the blue light emitted by digital screens, LED lights, and other sources

VLT = 90%





Frame made from Recycled Fishing Nets



Soft adjustable nose pads



Adjustable ratchet side arms

OCEAN

KEY FEATURES

- 100% Recycled frame - made from fishing nets
- Lightweight - for all day comfort
- Soft flexible nose pads - for a secure fit
- Soft temple - Cushion temple inserts to ensure they stay in place
- 5 point lens angle adjustment
- Optical class 1 (as with other description)
- Mechanical Strength F – low energy impact protection from high speed particles

EW4601

Within the Betafit collection, the OCEAN stands as the introduction of Betafit safety eyewear featuring a frame crafted entirely from recycled fishing nets. Its singular lens design offers both outstanding clarity and protection, with the option to choose from various DuraClear lens technologies.

APPROVAL: BS EN166 1 F:2002 / EN170 & EN172 5-2.5

LENS: CLEAR ANTI-SCRATCH



EW4602

Betafit Ocean Clear Anti-Fog Safety Eyewear, Frame Made From Recycled Fishing Nets.

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW4603

Betafit Ocean Smoke Grey Lens Anti-Fog Safety Eyewear, Frame Made From Recycled Fishing Nets.

APPROVAL: BS EN166 1 F:2002 / EN172

LENS: SMOKE ANTI-SCRATCH





GENEVA

KEY FEATURES

- BETAFIT Geneva – incorporating 2nd generation design improvements to this high performing range
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength F – low energy impact protection from high speed particles
- UV400 Smoke-Grey tinted Hard Coated, single-piece, wraparound lens
- TSR compliant anti-glare tint

EW2101

Betafit Geneva Clear Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH



EW2103S

Betafit Geneva Sport Smoke-Grey Lens Safety Eyewear c/w retainer cord

APPROVAL: BS EN166 1 F:2002 / EN172 5-3.1

LENS: SMOKE ANTI-SCRATCH



EW2102

Betafit Geneva Clear Anti-Fog Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



MERANO II

KEY FEATURES

- BETAFIT MERANO Clear Hard Coated Safety Eyewear, a durable lightweight favourite, distinctively styled for a closer fit
- Optical Class 1, highest quality clear vision polycarbonate lens
- Lightweight – 23grams
- Clear Hard Coated wraparound single-piece lens provides uninterrupted clear vision
- Lens shape especially designed to follow facial contours, providing a better fit
- Dual Tech Soft Grip Side Arms for extra comfort



EW1202

The lightweight Merano combines simplicity and comfort with the one-piece wraparound lens and the bi-injection technology soft grip temples. The lenses are specially designed to follow facial contours to ensure maximum comfort.

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW1201

Betafit Merano, Clear Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH



EW1204

Betafit Merano, Amber Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: AMBER ANTI-SCRATCH



EW1205

Betafit Merano, Blue Mirror Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN172

LENS: BLUE MIRROR ANTI-SCRATCH



EW1206

Betafit Merano, In/Outdoor Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN172 5-17

LENS: INDOOR/OUTDOOR ANTI-SCRATCH





MONTANA

KEY FEATURES

- BETAFIT MONTANA Safety Eyewear offers comfortable all-round protection
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength F – low energy impact protection from high speed particles
- Hard coated, single-piece lens
- Soft-grip bi-polymer arms for optimum comfort and grip
- Eyewear retainer cord included as standard



ARM
Dual Density gripper arm for secure fit



NOSE BRIDGE
Lightweight Lens for improved comfort around nose



LENS
Wraparound Lens for excellent levels of protection



supplied with retainer cord

EW2201

Betafit Montana Clear Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: EN166 | FT / EN170

LENS: CLEAR ANTI-SCRATCH





EW2202

Betafit Montana Clear Lens Anti-scratch Anti-Fog Safety Eyewear c/w retainer cord

APPROVAL: EN166 I FT / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW2203

Betafit Montana Smoke-Grey Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: EN166 I FT / EN172 5-3.1

LENS: SMOKE ANTI-SCRATCH



EW2204

Betafit Montana Amber Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: EN166 I FT / EN170

LENS: AMBER ANTI-SCRATCH



EW2205

Betafit Montana Blue Mirror Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: EN166 I FT / EN 172 5-2.5

LENS: SMOKE ANTI-SCRATCH



EW2206

Betafit Montana In/Outdoor Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: EN166 I F / EN 172 5-1.7

LENS: INDOOR/OUTDOOR ANTI-SCRATCH





GARDA SPORT

KEY FEATURES

- GARDA SPORT Clear Safety Eyewear offers a sleek wraparound style with Hard coated lens
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength F – low energy impact protection from high speed particles
- Optical Class 1, highest quality clear vision polycarbonate lens
- Dual technology side arms with flexible tips for ultimate comfort and a secure fit
- Hard Coated, single-piece wraparound lens for wide-angle vision



MOULDED NOSE BRIDGE



WIDE TEMPLE side arm for extra protection



EW2602S

Betafit Garda Sport Clear Lens Anti-scratch Anti-Mist Safety Eyewear

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW2604S

Betafit Garda Sport Amber Lens Anti-Scratch Safety Eyewear

BS EN166 1 FT:2002 / EN170

LENS: AMBER ANTI-SCRATCH



EW2603S

Betafit Garda Sport Smoke-Grey Lens Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002 / EN172 5-3.1

LENS: SMOKE ANTI-SCRATCH



EW2606S

Betafit Garda Sport Indoor/Outdoor Lens Anti-scratch Safety Eyewear

BS EN166 1 F:2002 / EN172 5-1.7

LENS: INDOOR/OUTDOOR ANTI-SCRATCH





LOGAN

EW7202KN

The Logan is a unique product in the Betafit range because it has a number of wearer options. It can be worn as a standard safety spectacle with side arms or with the gasket to enhance the level of protection. It also has the option of a headstrap that is worn in place of the side arms that improves the level of protection still further and maintains a secure fit.

KEY FEATURES

- Optical Class 1 - highest quality clear vision lens
- Mechanical Strength F - low energy impact protection
- Anti-fog and hard coated approved KN lens for performance
- Supplied with standard side arms and a headstrap to maximize a secure fit
- The inner gasket can be removed depending on the level of protection required

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG KN





LUCERNE

KEY FEATURES

- BETAFIT LUCERNE - unique style eyewear with flexible one-piece lens and suspended side arms
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength F – low energy impact protection from high speed particles
- Flexible super-grip side arms ensure a secure fit
- Suspended side arms to reduce pressure on the temples
- Soft nose bridge and brow pad for ultimate comfort
- Eyewear retainer cord included as standard



NOSE BRIDGE
Soft pads for improved comfort around nose



ARM
Dual Density gripper arm for secure fit

EW2502

The retro style of Lucerne incorporates the benefits of a soft nose bridge and brow pad. Suspended flexible temples and extra grip tips ensure exceptional comfort and a very secure fit.

APPROVAL: BS EN166 1 F:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



NOSE BRIDGE
Soft pads for improved comfort around nose



ARM
Suspended side arms to reduce pressure on the temples

EW2503

Betafit Lucerne Smoke-Grey Lens Anti-Scratch Safety Eyewear c/w retainer cord

APPROVAL: BS EN166 1 F:2002 / EN172 5-3.1

LENS: SMOKE ANTI-SCRATCH





ONTARIO

KEY FEATURES

- Optical Class 1 - highest quality clear vision polycarbonate lens
- Mechanical Strength F - low energy impact protection
- Close fitting offering excellent protection
- Lightweight for comfort
- Available in different lens coatings and shade
- Plastic free packaging

EW7111

The Ontario is a lightweight wraparound safety spectacle that is close fitting offering excellent protection. It features opaque side arms to reduce reflection and improve vision when worn for long periods.

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH



EW7112

Betafit Ontario Clear Lens Anti-scratch Anti-mist Safety Eyewear, plastic free packaging.

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW7113

Betafit Ontario Smoke Lens Safety Eyewear Anti-scratch, plastic free packaging.

APPROVAL: BS EN166 1 FT:2002 / EN172 5-2.5

LENS: SMOKE ANTI-SCRATCH



VISISPEC

KEY FEATURES

- BETAFIT VISISPEC Clear Safety Eyewear offers the traditional style over spectacle that can be worn alone or over normal prescription eyewear
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength F – low energy impact protection from high speed particles
- Ventilated side arms to improve airflow and prevent heat build up
- Ideal for visitors and other short term applications such as passing through a hazardous area



EW2010

Visispec is a functional 'overspec' that may be worn as a standard safety spectacle, or to fit over normal prescription spectacles.

APPROVAL: BS EN166 1 F:2002

LENS: CLEAR ANTI-SCRATCH





LUGANO

Introducing Lugano, the cutting-edge safety spectacles crafted with precision to safeguard your eyes in the digital age. With Lugano's advanced blue light blocking technology, you can bid farewell to the discomfort caused by prolonged screen time. Along with KN approval, the Lugano is the ultimate choice in safety eyewear.



Innovative anti blue light tech on lens



Soft brow guard for improved fit and protection



Contour fit frame for optimal comfort

EW7332KN

Experience the difference in visual comfort and eye protection with the Lugano.

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR KN WITH BLUE LIGHT TECHNOLOGY



SELINA

EW1101

Selina offers a winning combination of comfort, affordability, durability, and reliability. These safety spectacles boast impact-resistant lenses and a sturdy frame, providing essential protection without sacrificing comfort or style.

The safety spectacles that are the affordable yet dependable choice for anyone seeking reliable eye protection without compromising on quality.

EW1102

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH





WAVE

Introducing the Wave – where style meets safety. Elevate your protection game with these sleek and sophisticated safety spectacles, engineered to offer superior eye safety without compromising on fashion.

Hard-coated and anti-fog, the Wave ensures optimal protection against impact and hazards, giving you the confidence to tackle any task with ease. The cutting-edge design merges functionality with flair, offering a blend of safety and style that's perfect for the modern individual.

EW7102

The Wave clear is the perfect blend of safety and style, with a hard-coated and anti-fog lens for optimum protection.

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW7104

The Wave Amber, your solution for low-light conditions.

APPROVAL: BS EN166 1 FT:2002 / EN170

LENS: AMBER ANTI-SCRATCH & ANTI-FOG



EW7105

The Wave Mirror is a game-changing safety spectacle where top quality finishes blend with high-end design. Offering a unique red shaded lens ideal for outside use in bright sunlight.

APPROVAL: BS EN166 1 FT:2002 / EN172

LENS: MIRROR ANTI-SCRATCH & ANTI-FOG





EIGER

KEY FEATURES

- BETAFIT EIGER contour fit clear Safety Goggles have indirect vents for protection against impact, dust and chemical splash
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength B – medium energy impact protection from high speed particles
- Soft and flexible inner face seal for ultimate comfort and protection
- Indirect vents and Anti-Fog & Hard Coated coating prevents heat and moisture build up within the goggles
- Ultra strong, wide elastic headband for long term strength and comfort

EW2802

The Eiger is a ski-style safety goggle with a full inner face seal for soft and flexible contour fit. Offering excellent all round vision the Eiger incorporates indirect ventilation for protection against dust and liquid splashes.

APPROVAL: BS EN166 1 B 3 4:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG





Soft and flexible inner face seal for ultimate comfort and protection



Anti-Scratch and Anti-Fog coated polycarbonate lens

K2

KEY FEATURES

- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength B – medium energy impact protection from high speed particles
- Soft and flexible inner face seal for ultimate comfort and protection
- Indirect vents and Anti-Fog coating prevents heat and moisture build up within the goggles
- Anti-Scratch and Anti-Fog coated polycarbonate lens for excellent all round vision
- Ultra strong, wide elastic headband for long term strength and comfort

EW2832

The K2 is the latest design in safety goggles. It has a dual density frame that incorporates a solid inner frame and soft outer seal making it extremely comfortable when worn for longer periods. The K2 also has an optional face shield for extra protection

APPROVAL: BS EN166 1 B 3 4:2002 / EN170

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



K2 FACE SHIELD

EW2800

The K2 face shield is an option that when attached to the K2 goggle increases the level of protection that includes the nose, cheek and mouth area from direct impact.

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



FUJI

EW1802

Fuji Clear Wide View Anti-Fog Goggle.

APPROVAL: BS EN166

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG





X2

Superior optical clarity, improved by top-notch craftsmanship, incorporating cutting-edge manufacturing techniques & advanced lens coating methods. X2 Eyewear ensures adherence to the rigorous standards of EN166 K, N, and T categories.

DEMAND MORE
DEMAND X2



The pinnacle of eye protection: the **X2** High-End Safety Spectacle Range.

Elevate your safety standards with this cutting-edge collection designed for those who demand the best in both performance and style.

Crafted with precision and innovation, the **X2** range redefines safety spectacles. Engineered with high-grade materials and advanced lens technology, these spectacles offer unparalleled protection against impact, UV rays, and glare without compromising on clarity or comfort.

The **X2** collection doesn't just meet standards; it sets new ones. Each pair is meticulously designed to provide a superior fit, ensuring all-day wearability without sacrificing durability. The sleek, high-end aesthetics make a statement, reflecting sophistication and professionalism in any environment.

Whether you're in high-risk industrial settings, laboratories, or demanding outdoor conditions, the **X2** range is your assurance of uncompromising protection and style. Elevate your safety gear to a whole new level with **X2** – where cutting-edge technology meets exquisite design for those who settle for nothing but the best.



DURACLEAR LENS COATING TECHNOLOGIES HAVE BEEN DEVELOPED AND TESTED TO MEET THE RIGOROUS REQUIREMENTS OF THE HARSHTEST ENVIRONMENTS.

DURACLEAR[®]-**KN**

High grade anti-fog and anti-scratch with K&N rating

DURACLEAR[®]-**HC**

Hard coated anti-scratch

DURACLEAR[®]-**AF**

Anti-fog and anti-scratch coating

DURACLEAR[®]-**WR**

Water repelling technology

DURACLEAR[®]-**UV400**

UV protection for work out in the sun

DURACLEAR[®]-**HD**

High definition amber for low-light environments



XCEL

KEY FEATURES

- X2 Xcel Hard Coated Safety Eyewear – a close fitting style offering long-life robust protection with high definition clarity
- Optical Class 1, highest quality clear vision polycarbonate lens
- Frame Mechanical Strength FT – withstands low energy impact from high speed particles at extreme temperatures
- Clear Hard Coated wraparound lens provides high definition clarity
- Additional UV Filter blocks harmful ultraviolet rays
- Lightweight at 23g, robust protection designed for all day use



MOULDED NOSE BRIDGE



LIGHTWEIGHT TEMPLE

EW4111

X2 Xcel Clear Anti-Scratch Safety Eyewear

APPROVAL: BS EN166 1FT:2002 / EN170 2-1.2

LENS: CLEAR ANTI-SCRATCH



EW4112

X2 Xcel Smoke-Grey Lens Wrap-around Safety Eyewear

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-2.5

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



EW4133

X2 Xcel Smoke-Grey Lens Wrap-around Safety Eyewear

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-2.5

LENS: SMOKE ANTI-SCRATCH





XTREME

KEY FEATURES

- X2 Xtreme HD Safety Eyewear – a striking lightweight sports design offering superior protection and long lasting comfort
- Optical Class 1, highest quality clear vision polycarbonate lens
- Frame Mechanical Strength FT – withstands low energy impact from high speed particles at extreme temperatures
- Lightweight 22gm frame, flexible side arms and soft nose pads provide long lasting comfort
- HD Sky Blue tinted Hard Coated, PC lens
- Additional UV Filter blocks harmful ultraviolet rays
- VLT=59% Improves definition in areas of low light and artificial light conditions
- Supplied with Microfibre storage pouch



BLUE HD LENS



SOFT NOSE PADS

EW4332KN

X2 Xtreme Clear Lens KN Anti-Scratch Anti-Fog Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT KN:2002 / BS EN170 2-1.2

LENS: CLEAR ANTI SCRATCH, ANTI FOG KN



EW4338S

X2 Xtreme Sport, HD Blue Anti-Scratch Lens Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT KN:2002 / BS EN170 2-1.4

LENS: BLUE ANTI-SCRATCH



EW4333S

X2 Xtreme Sport Smoke-Grey Lens Anti-Glare Safety Eyewear with with microfibre storage pouch

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-2.5

LENS: SMOKE ANTI-SCRATCH





XCESS

KEY FEATURES

- X2 Xcess Clear K&N rated Safety Eyewear – a dynamic, sports style spectacle with a premium frame for ultimate fit and comfort
- Optical Class 1, highest quality clear vision polycarbonate lens
- Frame Mechanical Strength FT – withstands low energy impact from high speed particles at extreme temperatures
- Soft nose pads and dual technology arms provide ultimate comfort and non-slip fit
- Visible Light Transmission VLT=91%
- Additional UV Filter blocks harmful UV rays
- Additional K and N coatings provide superior protection against internal misting and external surface damage by fine particles
- Supplied with Microfibre storage pouch

EW4232KN

X2 Xcess Gunmetal Frame Clear Lens KN Anti-Scratch Anti-Fog Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT KN:2002 / BS EN170 2-1.2

LENS: CLEAR ANTI SCRATCH, ANTI FOG KN





EW4282KN

X2 Xcess Blue Frame Clear Lens KN Anti-Scratch Anti-Fog Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT KN:2002 : BS EN170 2-1.2

LENS: CLEAR KN ANTI SCRATCH, ANTI FOG



EW4236XTP

X2 Xcess XTP Indoor/Outdoor Lens unique water repelling finish. Includes microfibre storage pouch

APPROVAL: BS EN166 1FT:2002 and EN170 2-1.4

LENS: INDOOR/OUTDOOR ANTI-SCRATCH WR



EW4237

X2 Xcess Smoke-Grey Anti-Scratch Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-2.5

LENS: SMOKE ANTI-SCRATCH



EW4284AS

X2 Xcess Amber Lens Anti-scratch Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT KN:2002 / BS EN170 2-1.2

LENS: AMBER ANTI-SCRATCH



EW4285AS

X2 Xcess Blue Mirror Lens Anti-mist Safety Eyewear with microfibre storage pouch

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-2.5

LENS: BLUE MIRROR ANTI-SCRATCH



ADJUSTABLE
ARMS

FLEXI TIPS

XCEED

KEY FEATURES

- X2 Xceed Clear Safety Eyewear – a premium over spectacle with multi-adjustable arms to meet all fitting requirements
- Optical Class 1, highest quality clear vision polycarbonate lens
- Frame Mechanical Strength FT – withstands low energy impact from high speed particles at extreme temperatures
- 4 way adjustable comfort side arms with soft TPR tips, designed to meet all fitting requirements
- Fits over normal prescription spectacles
- Single-piece polycarbonate lens provides high definition clarity

EW4001

X2 Xceed Clear Lens Anti-Scratch Adjustable Overspecs

APPROVAL: BS EN166 1FT:2002 / EN170 2-1.2

LENS: CLEAR ANTI-SCRATCH

FOAM
SURROUNDLOW
PROFILEADJUSTABLE
STRAP

XCALIBUR

KEY FEATURES

- X2 Xcalibur Combat Goggles – this super strong goggle features a full nylon frame and SBR Foam face seal for ultimate focussed protection
- Optical Class 1, highest quality clear vision polycarbonate lens
- Mechanical Strength B – medium energy impact protection from high speed particles
- Nylon Frames resistant to liquid droplets, coarse and fine dust particles and gas
- SBR Foam full face seal for ultimate comfort & protection
- Supplied with Microfibre storage pouch
- Additional UV Filter blocks harmful ultraviolet rays

EW4832

X2 Xcalibur Clear Combat Goggle with foam face seal and microfibre storage pouch

APPROVAL: BS EN166 1B 3 4 5 / BS EN170 2-1.2

LENS: CLEAR ANTI-SCRATCH





XPOLAR

KEY FEATURES

- X2 Xpolar Safety Eyewear – a strong sleek design, with polarised lens for ultimate protection
- Optical Class 1, highest quality clear vision polycarbonate lens
- Frame Mechanical Strength FT – withstands low energy impact from high speed particles at extreme temperatures
- Dual technology arms provide ultimate comfort and non-slip grip
- POLARISED Smoke-Grey Anti-glare and Hard Coated PC lens – perfect protection in marine or aquatic environments
- TSR compliant anti-glare tint



SOFT NOSE PADS



FLEXIBLE ARMS

EW4403P

X2 Xpolar Smoke-Grey Polarised Anti-Glare Safety Eyewear

APPROVAL: BS EN166 1FT:2002 / BS EN172 5-3.1

LENS: POLARISED SMOKE ANTI-SCRATCH





UNiFIT



UF101

The UF101 is a basic safety spectacle that offers excellent protection at an economical price. With its wraparound design and lightweight features, this is a good entry level product

APPROVAL: BS EN166 1 F:2002

LENS: CLEAR ANTI-SCRATCH

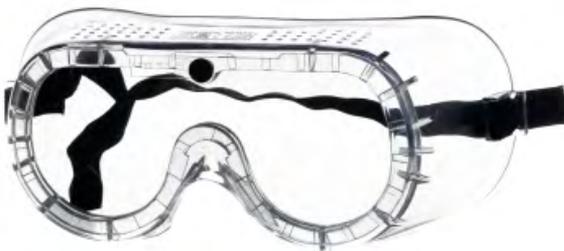


UF102

Unifit Clear Lens Anti-Fog Anti-scratch Safety Eyewear

APPROVAL: BS EN166 1 F:2002

LENS: CLEAR ANTI-SCRATCH & ANTI-FOG



UF108

Unifit Clear Lens Direct Vent Safety Goggles

APPROVAL: BS EN166

LENS: CLEAR ANTI-SCRATCH



UF110

Unifit Clear Lens Anti-Scratch Safety Over Spectacle

APPROVAL: BS EN166

LENS: CLEAR ANTI-SCRATCH



LENS CLEANING STATION

CONTAINS

- x 2 packs of 280 tissues
- x 1 bottle 240ml lens cleaning solution

LC1000

Betafit Lens Cleaning Station, Complete with Two Boxes of Tissues and Alcohol Free Lens Cleaning Solution.

Ideal for use with all Betafit and X2 products.



ACCESSORIES



EW2901

Eyewear Retainer Cord



EW2902

Eyewear Sport Retainer Cord



EW2903

Soft Eyewear Case



EWLCS30

X2 Optical Care Kit - Lens Cleaning Kit in a Pouch



HEARING PROTECTION

Under the Control of Noise at Work Regulations 2005, the level at which employers must provide hearing protection and hearing protection zones is now 85 decibels (daily or weekly average exposure). 85dB is equivalent to the sound of using a hand saw, or heavy city traffic. 90dB is equivalent to the sound of a motorcycle or using a lawnmower.



NOISE MONITORING SERVICE

Noise meters enable you to create optimal environments, enhancing productivity, concentration, and avoiding injury. Identify noise hotspots, set site requirements and understand hearing protection needs.

Call us for Betafit Noise Meter products and services



IS YOUR HEARING AT RISK?

It is a well-known fact that hearing ability deteriorates with age. However, constant exposure to high levels of noise at work or whilst pursuing hobbies or leisure activities will, given time, cause irreparable damage to your hearing.

WHAT CAN YOU DO ABOUT IT?

Firstly, it is important to assess the risk by measuring the loudness of noises you may be exposed to, taking into account both the average and peak sound levels throughout the day.

Where damaging noise levels cannot be reduced, it is essential that you wear hearing protection such as earmuffs or earplugs. Although noise-induced hearing loss is likely to be permanent and irreversible, it is completely preventable by wearing suitable hearing protection.

The range of hearing protectors have been designed with your benefit in mind - to protect you in your environment.

PERSONAL NOISE EXPOSURE LIMITS THE CONTROL OF NOISE AT WORK REGULATIONS 2005

The exposure limits shown above are taken from Regulation 4 of The Control of Noise at Work Regulations 2005, which are in turn based on a European Directive.

These regulations require all employers to assess the risks from noise exposure at work and where appropriate, provide suitable and sufficient hearing protection for each employee exposed to noise at or above the lower action value. To obtain an accurate noise assessment, full octave band sound analysis should be carried out and then matched with the attenuation values offered by the various kinds of hearing protectors available.

In order to simplify the selection procedure, a single number rating (SNR) is given as a guide for each model of hearing protector but this should mainly be used for comparison purposes and is not intended to be a substitute for doing a full frequency analysis in noise critical areas.

If using the SNR to establish which hearing protector is suitable, it can be done by subtracting the SNR from the actual noise being produced. For example, if the noise level in a particular environment has a weighted noise measurement of 100dbA and the hearing protection has an SNR of 30db, when wearing the hearing protection in the same environment the noise level will be reduced to 70db.

The importance of wearing hearing protection really only becomes apparent over a period of time, so assessing and wearing the correct hearing protection for your particular environment will minimise the risk of an individual losing their ability to hear properly in future.

LOWER ACTION VALUE	80 Average dBA	Hearing protection should be made available
	135 Peak dBC	
UPPER ACTION VALUE	85 Average dBA	Hearing protection must be worn
	137 Peak dBC	
MAXIMUM LIMIT VALUE	87 Average dBA	Hearing protection must be worn before entering the area
	140 Peak dBC	

HEARING PROTECTION SNR RATING COLOUR GUIDE

SNR LEVEL ≤ 27	SNR LEVEL 28 - 34	SNR LEVEL ≥ 35
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HEARING PROTECTION

6000 SERIES FOAM EARPLUGS



KEY FEATURES

- 6000 Foam Earplugs – our classic yellow disposable foam earplugs, packed in a dispensing box for greater convenience
- Dispenser box of 200 individually wrapped pairs
- Simple roll-to-fit application
- Dispensing box fits into HPHAPD wall dispenser – for wall mounted dispensing

Created using unique formula slow recovery SRE foam, the Model HP6000 earplug provides an excellent combination of comfort and protection. Once in the ear, the foam gently expands to provide a snug and secure custom fit.



HP6000

Bullet shaped soft foam ear plugs in dispenser box with 200 pairs.

APPROVAL: BS EN352-2:2002



HP6060

Bell shaped soft foam ear plugs in dispenser box with 200 pairs.

APPROVAL: BS EN352-2:2002



HP6001

The HP6001 has all the benefits of the HP6000 with the addition of a soft cord which allows the plug to rest flat rather than twist up when not fitted.

APPROVAL: BS EN352-2:2002

EARPLUG BULK REFILL PACKS



HP6008

Bullet shaped soft foam ear plugs in 500 pair refill pack.

APPROVAL: BS EN352-2:2002



HP6068

Bell shaped soft foam ear plugs in 500 pair refill pack.

APPROVAL: BS EN352-2:2002



EARPLUG BULK DISPENSER

When your workforce requires on-site ear protection, accessibility is key. Whether it's a construction site, office space, or a mobile setup, the HP6007 is a user-friendly and portable solution. You can mount it or position it on a workstation for quick access. 60cm in height.

HP6007

Soft Foam Earplug Wall Dispenser supplied with 500 pairs of HP6000 Bullet shaped Earplugs.

HP6067

Soft Foam Earplug Wall Dispenser supplied with 500 pairs HP6060 Bell shaped Earplugs

TOOLBOX PACK OF HP6000 EAR PLUGS



HP6009

Bullet shaped soft foam ear plugs in a convenient toolbox pack containing 100 ear plugs.

APPROVAL: BS EN352-2:2002

EARPLUG BULK DISPENSER



HP7010

Sturdy design and compact in size, the empty ear plug dispenser is perfect to fill with your Betafit earplugs of choice. At 45cm high the HP7010 is an ideal size for any environment and can be positioned on a workstation or mounted to a wall.



7000 SERIES FOAM EARPLUGS

KEY FEATURES

- Betafit Foam Earplugs – Hi Viz green disposable foam earplugs, packed in a dispensing box for greater convenience
- Dispenser box of 200 individually wrapped pairs
- Simple roll-to-fit application
- Dispensing box fits into HPHAPD wall dispenser – for wall mounted dispensing

The Betafit 7000 earplug has the highest SNR in the range - with 37db and 39db SNR. The soft PU material allows easy compression to insert and mould to the shape of the ear canal. It will then slowly expand to create a seal that protects the wearer from excessive noise.



HP7000

Bullet shaped high decibel soft foam earplugs in dispenser box with 200 pairs.

APPROVAL: BS EN352-2:2002



HP7060

Bell shaped high decibel soft foam earplugs in dispenser box with 200 pairs.

APPROVAL: BS EN352-2:2002



HP7001

The HP7001 has all the benefits of the HP7000 with the addition of a soft cord which allows the plug to rest flat rather than twist up when not fitted.

APPROVAL: BS EN352-2:2002

EARPLUG BULK REFILL PACKS



HP7008

Betafit HP7000 Foam Earplugs Refill Pack [500 pairs]

APPROVAL: BS EN352-2:2002



HP7068

Betafit HP7060 Foam Earplugs Refill Pack [500 pairs]

APPROVAL: BS EN352-2:2002



CORDED REUSABLE TPR EARPLUGS

HP6080

The Model HP6080 ear plug is a triple flange, re-usable design. Whilst these can be used individually, they are commonly used with the robust cord supplied which 'plugs-in' to the earplug, allowing the user to hang these around the neck when not in use and preventing accidental loss.

KEY FEATURES

- Betafit Reusable Corded Earplugs are washable & reusable making them ideal for the frequent user
- Very soft and flexible conical flange design provides a secure fit
- No need to roll - more hygienic
- Washable and reusable
- Soft detachable cord

APPROVAL: BS EN352-2:2002



CORDED DETECTABLE EARPLUGS

HP6081

The Model HP6081 has been developed specifically for environments where contaminant detection is required. The cord is fixed to the detectable earplugs to ensure it cannot be accidentally separated.

KEY FEATURES

- Betafit Reusable Corded Earplugs are washable & reusable making them ideal for the frequent user
- Very soft and flexible conical flange design provides a secure fit
- No need to roll – more hygienic
- Washable and reusable
- Unique detectable cord

APPROVAL: BS EN352-2:2002



FOAM EARPODS BAND

HP6005

Lightweight and durable, the HP6005 is ideal for intermittent usage.

KEY FEATURES

- Betafit Banded Earpods provide a lightweight semi-aural protection, ideal for intermittent usage
- Connecting headband allows easy fit & removal
- Packaged with 1 pair of replacement earpods
- Designed to be worn under the chin or behind the neck

APPROVAL: BS EN352-2:2002



ADJUSTABLE FOAM EARPODS BAND

HP6015

Lightweight and durable, the HP6015 is ideal for intermittent usage.

KEY FEATURES

- Betafit Adjustable Banded Earpods are a comfortable option for when hearing protection is required only intermittently
- A more comfortable and fully adjustable version of the 6005 banded earpods
- Connecting band allows easy and fit and removal
- Designed to be worn under the chin or behind the neck

APPROVAL: BS EN352-2:2002

REPLACEMENT PODS

HP6006

Replacement pods pack for HP6005



STANDARD EAR DEFENDER

KEY FEATURES

- Betafit Universal Ear Defender combines lightweight design with practical durability
- Lightweight, easily adjustable Ear Defender
- Comfort foam ear cushions
- Durable and robust design

HP6100

The functional and robust design of the Model HP6100 ear defender makes it very popular for many industrial applications.



APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	63	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	16.2	15.7	17.1	25.6	32.7	34.3	31.8	32.6
STANDARD DEVIATION	4.3	3.9	1.7	3.2	3.2	3.0	2.9	3.9
ASSUMED PROTECTION	11.9	11.8	15.4	22.4	29.5	31.3	28.9	28.7



ELECTRONIC COMMUNICATION EAR DEFENDER

KEY FEATURES

- Comfort design for all day use
- 31db noise protection with intelligent environmental listening regulator
- Low noise microphone attachment
- Built in hi fidelity speakers
- Bluetooth connectivity to keep communicating in high noise environments
- Extra soft foam ear cushions
- Easy charging with USB-C connector

HP9000

The intelligent HP9000 combines the safety of an ear defender with the technology of a headset to keep you connected and able to communicate in high noise environments.



HEAVY DUTY FOLDING EAR DEFENDER BLACK

KEY FEATURES

- Betafit heavy duty Ear Defender offers premium protection and comfort with its superior fit and high attenuation
- Heavy duty defender suitable for demanding industrial application
- Durable and adjustable metal headband, cushioned for extra comfort
- Extra soft foam ear cushion
- Can be folded to a compact storage size

HP6250BK

The heavy duty Model HP6250 is designed to perform. Lightweight in construction and protection the extra soft ear cushions and padded headband completes the high specification of this earmuff.

APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	17.3	22.6	31.2	38.1	36.4	40.5	37.2
STANDARD DEVIATION	2.8	2.4	2.4	2.0	3.1	4.1	2.9
ASSUMED PROTECTION	14.5	20.2	28.8	36.1	33.3	36.4	34.3

HEAVY DUTY FOLDING EAR DEFENDER HI VIS

KEY FEATURES

- Heavy Duty Hi Vis Ear Defender offers premium protection and comfort with its superior fit and high attenuation
- Hi Vis Yellow to assist identification
- Heavy duty defender suitable for demanding industrial application
- Durable and adjustable metal headband, cushioned for extra comfort
- Extra soft foam ear cushions
- Can be folded to a compact storage size

HP6250HV

The heavy duty Model HP6250HV is designed to perform.

APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	17.3	22.6	31.2	38.1	36.4	40.5	37.2
STANDARD DEVIATION	2.8	2.4	2.4	2.0	3.1	4.1	2.9
ASSUMED PROTECTION	14.5	20.2	28.8	36.1	33.3	36.4	34.3



LOW PROFILE EAR DEFENDER HI VIS

KEY FEATURES

- Low-profile headband
- Lightweight, easily adjustable Ear Defender
- Comfort foam ear cushions
- Durable and robust design

HP7350HV

When being highly protected & visible is vital. The HP7350HV is part of the Ear Defender range. It has the additional benefit of being highly visible combining Hi Vis cups and reflective headband that is ideal when being visible is important.



APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	23.9	26.4	37.9	43.5	40.2	41.8	41.8
STANDARD DEVIATION	2.8	2.7	2.4	2.6	2.5	2.9	3.0
ASSUMED PROTECTION	21.1	23.7	35.5	40.9	37.6	39.0	38.9



SUPERIOR III PREMIUM EAR DEFENDER HI VIS

KEY FEATURES

- Betafit Superior Ear Defender combines lightweight design with exceptional performance
- Padded high comfort headband
- Lightweight, easily adjustable Ear Defender
- Comfort foam ear cushions
- Durable and robust design

HP7300HV

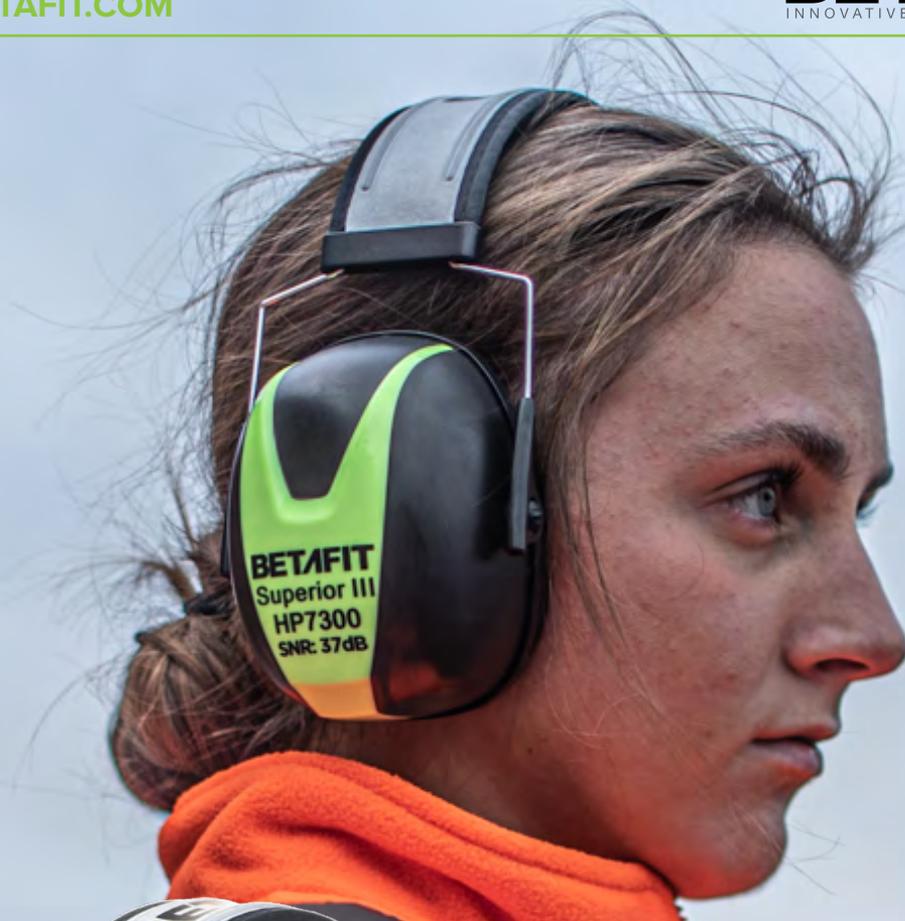
The HP7300HV combines the highest protection and exceptional comfort. The HP7300HV ear defender has the highest SNR in the Betafit range. Having a Hi Vis comfort headband and Hi Vis soft ear cups, comfort is not comprised by performance.



APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	23.9	26.4	37.9	43.5	40.2	41.8	41.8
STANDARD DEVIATION	2.8	2.7	2.4	2.6	2.5	2.9	3.0
ASSUMED PROTECTION	21.1	23.7	35.5	40.9	37.6	39.0	38.9



SUPERIOR III PREMIUM EAR DEFENDER

KEY FEATURES

- Betafit Superior Ear Defender combines lightweight design with exceptional performance
- Padded high comfort headband
- Lightweight, easily adjustable Ear Defender
- Comfort foam ear cushions
- Durable and robust design

HP7300

The HP7300 combines the highest protection and exceptional comfort. The HP7300 ear defender has the highest SNR in the Betafit range. Having a Hi Vis comfort headband and soft ear cups, comfort is not comprised by performance.

APPROVAL: BS EN352-1:2002



FREQUENCY (HZ)	125	250	500	1000	2000	4000	8000
MEAN ATTENUATION	23.9	26.4	37.9	43.5	40.2	41.8	41.8
STANDARD DEVIATION	2.8	2.7	2.4	2.6	2.5	2.9	3.0
ASSUMED PROTECTION	21.1	23.7	35.5	40.9	37.6	39.0	38.9



HEAD PROTECTION

At Betafit we understand the significance of reliable safety equipment, and we are proud to present a new era in head protection with our cutting-edge safety Head Protection.





LOW PROFILE COMFORT BUMP CAPS

KEY FEATURES

- Hi Vis beading on peak & sides for better visibility
- Lightweight bump cap at 176grms
- Ventilation on each side for less heat build up
- Flexible inner shell to improve comfort
- Reduced peak for greater field of vision



HW8150NY

Betafit Navy low profile comfort bump cap.

APPROVAL: EN 812:2012

HW8150BK

Betafit Black low profile comfort bump cap.

APPROVAL: EN 812:2012



HW8150HV

Betafit Hi Vis low profile comfort bump cap.

APPROVAL: EN 812:2012

HW8150OR

Betafit Hi Vis Orange low profile comfort bump cap.

APPROVAL: EN 812:2012





BETAFIT SAFETY HELMETS

Experience ultimate safety for both ground and height workers with Betafit's premier safety helmets designed for professionals.

The Betafit Safety Helmets are engineered to exceed industry standards, offering superior protection and comfort. Crafted with advanced materials and precision engineering, Betafit helmets provide unmatched durability and impact resistance, ensuring optimal safety in high-risk environments.

Speak to us about applying your company logo on any helmet.





BETAFIT TERRAIN SAFETY HELMET

KEY FEATURES

- High impact ABS plastic shell
- Rapid-dial ratchet adjustment
- Adjustable 6-point suspension system
- Sliding switch for ultimate ventilation & cooling



HW6200

The essential helmet for groundworking with an incredibly comfortable fit and superior quality.



APPROVAL: EN397:2012 + A1:2012



BETAFIT AIR SAFETY HELMET

KEY FEATURES

- High impact ABS plastic shell
- Rapid-dial ratchet adjustment
- Adjustable 6-point suspension system
- Sliding switch for ultimate ventilation & cooling
- Supplied with hi vis reflective tape



HW6280

The ideal helmet for working at height with a well balanced fit and highly comfortable headband.



APPROVAL: EN12492:2012



BETAFIT HELMET MOUNTED EAR DEFENDERS

HW6210

Designed to fit the Betafit Terrain & Betafit Air helmets without compromising protection.

APPROVAL: EN352-3:2002



BETAFIT HELMET MOUNTED CLEAR VISOR

HW6220

Made of high quality Polycarbonate materials with a half-face, wrap-around design.

APPROVAL: EN166



Diamond[♦]4

PREMIUM SAFETY HELMET

D300

The ultimate vented safety helmet with removable chinstrap and washable inner padding. Suberb comfort head harness with replaceable padding for ultimate comfort and hygiene.

APPROVAL: EN397:2012 + A1:2012



(not all colours are kept in stock)



Diamond[♦]5

PREMIUM WORKING AT HEIGHT SAFETY HELMET

D350

The ultimate vented working at height safety helmet with removable chinstrap and washable inner padding. Suberb comfort head harness with replaceable padding for ultimate comfort and hygiene.

APPROVAL: EN12492:2012



(not all colours are kept in stock)



SNR
31dB

D180

The diamond helmet-mounted ear defenders have a unique ergonomic shape for the perfect fit around the ear to give the best possible performance.

APPROVAL: EN352-3:2002



D100

The wrap-around diamond visor adds eye protection to your diamond helmet with an easy clip-on design.

APPROVAL: EN166

Diamond

Introducing our latest innovation in PPE:
The Diamond Safety Helmets.

KEY FEATURES

- Polystyrene inner shell (EPS)
- ABS external shell material
- Adjustable size system for a perfect fit
- Quick release chin strap buckle
- Security device release system (according to EN397 Standard) between 15 and 25 DAN
- Headlamp clips
- Removable chinstrap
- Removable and washable inner paddings
- Optional ear defenders and visor attachments



Diamond 6

PREMIUM ELECTRICAL SAFETY HELMET

D380

The ultimate non-vented high-voltage safety helmet with removable chinstrap and washable inner padding. Suberb comfort head harness with replaceable padding for ultimate comfort and hygiene.

APPROVAL: EN397:2012 + A1:2012 & EN50365 (Class 0)



(not all colours are kept in stock)





RESPIRATORY PROTECTION

New generation Betafit Disposable Respirators combine years of consumer feedback with cutting edge manufacturing expertise, **developing new products that excel when face fit tested whilst maintaining low breathing resistance and efficiency by using the latest filter materials.**



THE 5 RESPIRATORY WORKPLACE HAZARDS



DUST

Dust is created when solid materials are broken down into fine particles. The type of RPE required is an FFP (Filtering Face Piece) and the level of protection depends on the contaminant and the concentration levels.



MIST

When liquid turns into tiny droplets by atomisers or condensation during such applications as a spraying process. A water or oil based mist requires an FFP (Filtering Face Piece) and the level of protection depends on the contaminant and the concentration levels.



FUMES

When a solid material is subjected to intense heat, it vaporises and cools extremely quickly into very fine particles. An FFP2 or FFP3 (sometimes with a charcoal inlay) are often suitable, but is dependent on the concentration level.



GASES

A gas is created at room temperature and travels very quickly and over a great distance. Disposable RPE are not suitable and RPE carrying the Yellow band on the cartridge should be used.



VAPOURS

Vapours are the gaseous state of a substance that is produced through evaporation. Disposable RPE can only be used if the level of concentration is below the WEL. Suitable RPE with a Brown Band (Organic) or Grey Band (Inorganic) on the cartridge should be used.

The BETAFIT range of disposable respirators only protect against DUST, MIST and FUMES. If protection is required to protect from GAS and VAPOUR and the concentration is above the WEL (Workplace Exposure Limit), a respirator with the appropriate cartridge should be used.

APF - ASSIGNED PROTECTION FACTOR

A level of protection expected to be achieved when using the RPE correctly in the workplace.

WEL - WORKPLACE EXPOSURE LIMIT

A level of contamination (set by the HSE) of the concentration of an airborne substance, above which level precautions must be taken if exposure takes place.



RESPIRATOR SELECTOR GUIDE

STANDARD: EN149:2001 + A1:2009	FFP1 NR	FFP2 NR (VALVE)	FFP3 NR (VALVE)
APF (ASSIGNED PROTECTION FACTOR)	4 X WEL	10 X WEL	20 X WEL
PRODUCT CODE	RP2010 / RP2110	RP2020V / RP2120V	RP2030V / RP2130V
SWEEPING	●		
GENERAL DUSTY DUTIES	●		
MACHINING (OIL MIST)		●	
PAINT REMOVAL (SANDING)		●	
RUST REMOVAL (SANDING)		●	
SITE PREPARATION (DEMOLITION)		●	
LOFT INSULATION WORK (FIBREGLASS)		●	
STAINLESS STEEL WELDING		●	
MIG/TIG WELDING		●	
CONCRETE CUTTING			●
SITE CONSTRUCTION (GRINDING)		●	●
WOODWORKING (ROUTING, SANDING, CUTTING)		●	●
MDF & HARDWOODS		●	●
LEADWORK		●	●
ASBESTOS (HANDLING AND INSPECTION WORK ONLY, NOT SUITABLE FOR STRIPPING)			●
FOOD (FLOUR & FOOD INGREDIENTS)		●	●
VIRUS PROTECTION			●
PAINT SPRAYING (WATER BASED)		●	●
DRY LINING WORK			●
SILICA DUST			●

The above information is intended as guidance only. Selection is dependent on the actual exposure levels. A full risk assessment is required to establish the correct level of protection suitable for the application. This assessment and the selection of appropriate RPE is the responsibility of the employer.

TRAINING AND FACE FIT TESTING



QUALITATIVE TRAIN THE TESTER COURSE INTERNAL

PRODUCT CODE: TRQ100

QUALITATIVE FIT TESTING (TASTE) UP TO 7 STAFF (1/2DAY)

PRODUCT CODE: TRQ500

QUALITATIVE TRAIN THE TESTER COURSE EXTERNAL

PRODUCT CODE: TRQ200

QUALITATIVE FIT TESTING (TASTE) UP TO 15 STAFF (1 DAY)

PRODUCT CODE: TRQ600

APC TRAIN THE TESTER COURSE INTERNAL

PRODUCT CODE: TRA300

QUANTITATIVE FIT TESTING (APC) UP TO 7 STAFF (1/2DAY)

PRODUCT CODE: TRA700

APC TRAIN THE TESTER COURSE EXTERNAL

PRODUCT CODE: TRA400

QUANTITATIVE FIT TESTING (APC) UP TO 15 STAFF (1DAY)

PRODUCT CODE: TRA800



FFP3V CUP SHAPE RESPIRATOR WITH VALVE

RP3030V

The original Betafit disposable mask, the RP3030V has a number of features including a preformed nosebridge and four point head strap adjustment which has led the way for many years



KEY FEATURES

- BETAFIT FFP3 NR Valved Mask, the RP3030V is the original Betafit disposable mask for ultimate protection
- Workplace Exposure Limit [WEL] for ultimate protection against very fine dusts and mists
- Metal free construction
- Excellent fit with preformed nosebridge, adjustable headstraps and complete foam inner face seal
- Exhalation valve with electrostatic filter media to allow low breathing resistance for optimum comfort



PREFORMED NOSEBRIDGE



ADJUSTABLE HEADSTRAP



EXHALATION VALVE

APPROVAL: EN 149:2001 + A1:2009

APF: 20



FFP2V PREMIUM MOULDED RESPIRATOR WITH VALVE

RP2020V

The RP2020V offers many of the features as the FFP3 model, including an inner gasket and fully adjustable headstrap which is often overlooked at the FFP2 level of protection.

KEY FEATURES

- Full inner gasket to improve comfort and protection
- Low breathing resistance
- Four-point strap adjustment



FULLY ADJUSTABLE NOSEBAND



ADJUSTABLE HEADSTRAP



EXHALATION VALVE

APPROVAL: EN149:2001 + A1:2009 FFP2 NR

APF: 10





FFP3V PREMIUM MOULDED RESPIRATOR WITH VALVE

BF-2030V

Our flagship disposable mask, the FFP3V combines multiple design features, ergonomic styling and superior materials, to create a mask that exceeds consumer expectations and provides ultimate comfort and protection

KEY FEATURES

- Full inner gasket to improve comfort and face seal
- Proven and easy to fit test
- Low breathing resistance
- Four-point strap adjustment

APPROVAL: EN149:2001 + A1:2009 FFP3 NR

APF: 20



FFP3 WELDED SEAM FOLD FLAT RESPIRATOR WITH VALVE

RP2130V

The RP2130V has all the features of the 2100 series and offers the highest level of protection. It benefits from a great fit and very low breathing resistance making it more comfortable to wear for longer periods.

APPROVAL: EN149:2001 + A1:2009

APF: 20



FFP2 WELDED SEAM FOLD FLAT RESPIRATOR WITH VALVE

RP2120V

The 2100 series fold flat mask has the latest filter technology which lowers breathing resistance for wearer comfort. The range is also individually wrapped to ensure maximum hygiene and ideal for PPE dispensing machines

APPROVAL: EN149:2001 + A1:2009

APF: 10





BETAFIT FACE FIT TESTING KIT

It is a legal requirement that all RPE (Respiratory Protective Equipment) that is classified as “Tight Fitting” and used as PPE (Personal Protective Equipment) should be Fit Tested by a competent person to comply with the current COSHH (Control of Substances Hazardous to Health) Regulations. It is important to follow the HSE INDG479 current guidance when face fit testing.

The BETAFIT Qualitative face fit test kit provides all the equipment required to conduct Qualitative face fit testing on disposable FFP’s and half masks with a P3R filter fitted.

We support and endorse the BSIF Fit2Fit RPE fit test providers accreditation scheme, which is designed to confirm the competency of any person performing face fit testing. Betafit can provide accredited fit testers, please contact us for more information.





FACE FIT TEST KIT IN A STURDY CARDBOARD CARRY CASE

RPQLTK4

Face fit testing has been a requirement in COSHH (Control of Substances Hazardous to Health) since 2002 where it states that 'selection should include a fit test to ensure the wearer has the correct device.

KEY FEATURES

- 1 x Test Hood
- 12 x 2.5ml Ampoule Bitrex® (bitter) Sensitivity A Solution
- 12 x 2.5ml Ampoule Bitrex® (bitter) Test B Solution
- 2 x Nebulisers
- Instructions for use
- Stopwatch
- 10 x Fit test report cards

APPROVAL: HSE INDG479





TESTING KIT REFILLS



**BITTER
SENSITIVITY
A SOLUTION**

RP9946

SIZE: 2.5ML AMPOULE



**BITTER
TEST
B SOLUTION**

RP9947

SIZE: 2.5ML AMPOULE



**SWEET
SENSITIVITY
A SOLUTION**

RP9948

SIZE: 2.5ML AMPOULE



**SWEET
TEST
B SOLUTION**

RP9949

SIZE: 2.5ML AMPOULE



**SPARE TEST HOOD
- WITH CLEAR SCREEN,
PLASTIC COLLAR
SUPPORT**

RPFFTKH



WHY FIT TEST?

Face fit testing has been a requirement in COSHH (Control of Substances Hazardous to Health) since 2002 where it states that 'selection should include a fit test to ensure the wearer has the correct device'

There is no one mask that will fit everyone, so it is important that all tight fitting RPD's (Respiratory Protective Device) being used to protect the wearer is fit tested. All fit testing should be carried out in accordance with HSE INDG479, and, by a competent person. We have fully qualified Fit2Fit Accredited staff who will train your staff to carry out fit testing or we can complete your fit testing requirements on site or at our fully equipped training centre.

TRAIN THE TRAINER

We are able to offer 'Train the Trainer' courses in both the Qualitative (taste) and Quantitative methods (APC) by very experienced and Fit2Fit Accredited trainers. Delivered at your preferred site/premises, alternatively at our training facility in Alton or London.

A comprehensive Train the Trainer for both Qualitative (taste test) and Quantitative (APC) methods that covers all aspects of the HSE INDG479 guidance.

The TTT (Train the Trainer) courses includes practical sessions, selection & maintenance of RPD's (Respiratory Protective Device), product use awareness and troubleshooting.

After completion of a practical demonstration and written test all attendees will receive a certificate of training.

RPE FIT TESTING

Using either the Qualitative (taste test) or the Quantitative (APC) method Betafit can carry out your fit testing requirements. All tight fitting RPE can be tested at your site/premises or at our facility in Alton or London.

WHY BETAfit?

- Expertise & knowledge
- Fully equipped training facility
- Options to meet your needs
- Competitive



BETAfit WILL NOT BE LIABLE TO YOU UNDER ANY LEGAL THEORY, WHETHER IN WARRANTY, CONTRACT, STRICT LIABILITY, OR NEGLIGENCE, FOR ANY DAMAGES, CLAIMS, INJURIES, JUDGMENTS, COSTS, OR LIABILITIES OF ANY KIND ARISING OUT OF OR RELATED TO YOUR USE OR MISUSE OF OUR PRODUCTS, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, DAMAGE TO PROPERTY, LOSS OF BUSINESS, LOSS OF INCOME, SPECIAL DAMAGES, INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, PUNITIVE DAMAGES, OR EXEMPLARY DAMAGES, WHETHER FORESEEABLE OR UNFORESEEABLE. IN NO EVENT WILL BETAfit'S LIABILITY EXCEED THE VALUE OF THE PRODUCT(S) SOLD.