

# BluetreeMedical

A DIVISION OF BLUETREE GROUP

WINTER / SPRING

## YOUR PARTNER FOR MEDICAL CONSUMABLES

[WWW.BLUETREEMEDICAL.CO.UK](http://WWW.BLUETREEMEDICAL.CO.UK)



# Welcome to Bluetree Medical

The first UK manufacturer of Type IIR Surgical Face Masks, we research, develop and manufacture a wide range of high quality face masks and other innovative medical consumables. You'll find full information about our products and our pipeline in the following pages. Don't just take our word for it:

“Bluetree took our vision for a transparent face mask and made it a reality. They're great to work with, highly responsive and delivery-focused.”

**Wendy Blumenow**, Senior Specialist Speech & Language Therapist,  
Deputy Lead for Department, Alder Hey Children's Hospital NHS  
Foundation Trust.



# Introduction

Bluetree Medical isn't afraid of big challenges: being a UK Manufacturer with our site in South Yorkshire we developed six clean rooms for mask manufacturing and a laboratory allowing products to be tested on site, complementing our commitment to our high-quality standards in line with our ISO 13485 quality management system. Bluetree Medical are proud to say that by March 2022 we will have delivered in excess of 352 million units into our NHS, and will continue to support them as we are an approved supplier on the NHS Single Use PPE and Medical Protective Consumables Framework.

A trustworthy long-term partner, UK based with a reliable and sustainable UK based supply chain. Bluetree Medical develops innovative products that meet the needs of our customers.

With over £18m of investment, we prioritise using cutting-edge equipment to enable volume production of high-quality medical consumables. With capacities that exceed over 10 million units weekly, we give our customers the peace of mind in knowing they

receive a high-quality product, at the right time and at the right price.

We don't just stop there; Bluetree Medical are profoundly aware that since the global pandemic, the use of medical consumables has sky rocketed. This level of usage is having a significant detrimental impact on our environment, that's why Bluetree Medical are proud to be a carbon neutral manufacturer and have committed to being Net Zero by 2030.

If you're looking for a reliable partner in medical consumables, let us show you how we can deliver for you. Please contact:

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Partnering with



Net Zero 2030



**KEY FEATURES:**



## Our Products

# Visib™ Transparent Medical Mask

**BENEFITS:**

The Visib™ Transparent Medical Mask offers improved communication compared with traditional masks because it allows visibility of facial expressions. Better communication in healthcare settings improves safety, patient outcomes and inclusion. It is suitable for healthcare professionals, teachers, care home staff and other professionals. The straps have been specially developed to be more comfortable for extended wearing and are orientated horizontally. The product is latex-free, single-use and disposable. One size fits all.

1. Transparent single-use face mask
2. Antifog coating gives those around the wearer a clear view of the user's mouth and lips, enhancing communication
3. Nose Bridge moulds to the wearer's face, ensuring protection and helping to prevent the wearer's glasses from fogging
4. Contains Meltblown material which has a Bacterial Filtration Efficiency of  $\geq 98\%$
5. Horizontally placed, elasticated ear loops allow the mask to be secured on the back of the head



**KEY FEATURES:**



## Our Products

### Invisib Disposable FFP3 NR Filtering Half Mask

**BENEFITS:**

The Invisib Disposable FFP3 NR Filtering Half Mask allows maximum protection whilst allowing superior comfort, due to its shape and the materials used. It is appropriate for situations where workers are exposed to aerosols or other respiratory infectious agents. It is latex-free, single-use and disposable.

1. Filtration layer provides effective particle filtration ( $\geq 99\%$  particle filtration efficiency)
2. Inner layer wicks away moisture from the skin
3. Stiffening layer holds the mask off the face slightly to allow ventilation
4. Nose foam moulds to the wearer's face, providing superior comfort and fit
5. Head straps provide a tight seal
6. Conforms to EN 149:2001 + A1:2009 FFP3 NR standard





**KEY FEATURES:**



## Our Products

### Invisib Disposable FFP2 NR Filtering Half Mask

**BENEFITS:**

The Invisib Disposable FFP2 NR Filtering Half Mask allows the wearer maximum protection whilst allowing superior comfort, due to its shape and the materials used. It is appropriate for situations where workers are exposed to aerosols or other respiratory infectious agents, is latex-free, single-use and disposable.

1. Filtration layer provides effective particle filtration ( $\geq 94\%$  efficiency)
2. Inner layer wicks away moisture from the skin
3. Stiffening layer holds the mask off the face slightly to allow ventilation
4. Nose Foam moulds to the wearer's face, providing superior comfort and fit. Leakage of 11%
5. Head straps provide secure fit
6. Conforms to EN 149:2001 + A1:2009 FFP2 NR standard



**KEY FEATURES:**



## Our Products

### Obisk Disposable Type IIR Surgical Mask with Tiebacks

**BENEFITS:**

The Obisk Disposable Type IIR Surgical Mask with Tiebacks is suitable for all adults, including healthcare professionals, teachers and care home staff. It is appropriate for situations where workers are exposed to blood and bodily fluids and is intended as an infection control measure. The product is latex-free, is single-use and disposable. Adjustable ties provide superior fit.

1. Splash resistant outer layer provides protection from fluids
2. Filtration layer provides effective bacterial filtration ( $\geq 98\%$  efficiency)
3. Inner layer wicks away moisture from the skin
4. Nose bridge moulds to the wearer's face, providing superior comfort and fit
5. Adjustable head ties ensure the mask fits and provides maximum comfort



**KEY FEATURES:**



## Our Products

### Obisk Disposable Type IIR Surgical Mask with Ear Loops

**BENEFITS:**

The Obisk Disposable Type IIR Surgical Mask with Ear Loops is suitable for all adults, including healthcare professionals, teachers and care home staff. It is appropriate for situations where workers are exposed to blood and bodily fluids and is intended as an infection control measure. The product is latex-free, single-use and disposable with comfortable elasticated ear loops.

1. Splash resistant outer layer provides protection from fluids
2. Filtration layer provides effective bacterial filtration ( $\geq 98\%$  efficiency)
3. Inner layer wicks away moisture from the skin
4. Nose bridge moulds to the wearer's face, providing superior comfort and fit
5. Elasticated ear loop allows the mask to be secured behind the ears







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## Our pipeline

Working closely with our customers in the development process and testing different options until we're confident we've found the best solution, Bluetree Medical is committed to innovation and to delivering better products to our customers.

The use of a hydrophilic layer in our masks and our quest for better ear loops was driven by customer feedback for a more comfortable mask.

We're in the final stages of developing a re-usable transparent face mask, BrilliantSee™, which will improve

communication as well as be more environmentally friendly. A FFP2 version of Visib™ Transparent Medical Mask is also in development.

This approach to innovation means that our product pipeline is broad. We have an exciting range of Gloves, Gowns and Scrubs which we will launch soon.

We're continuing to push development across our product range and are driving to create more sustainable PPE options for the future. Watch this space!



# Technical Datasheet for Our Products

Product	Invisib Disposable FFP2 NR Filtering Half Mask	Invisib Disposable FFP3 NR Filtering Half Mask	Obisk Disposable Type IIR Surgical Masks with Tiebacks	Obisk Disposable Type IIR Surgical Masks with Ear Loops	Visib™ Transparent Medical Mask
CE Marked	Yes	Yes	Yes	Yes	Yes
UKCA Marked	Yes	Yes	Yes	Yes	Yes
Product Standards	EN 149:2001 + A1:2009 FFP2 NR Classification	EN 149:2001 + A1:2009 FFP3 NR Classification	Conforms to EN 14683:2019 Type IIR Classification	Conforms to EN 14683:2019 Type IIR Classification	Conforms to the UK Government Transparent Face Mask Working Group Technical Specification
Splash resistance	/	/	≥16 kPa	≥16 kPa	≥16 kPa
Bacterial Filtration Efficiency (BFE)	/	/	≥98%	≥98%	≥98% *Material only
Particle Filtration Efficiency (PFE)	≥94%	≥99%	/	/	/
Outer Layer	Hydrophobic PP Spunbond	Hydrophobic PP Spunbond	Hydrophobic PP Spunbond	Hydrophobic PP Spunbond	Hydrophobic PP Spunbond
Filtration	Electrostatically charged Meltblown	Electrostatically charged Meltblown	Electrostatically charged Meltblown	Electrostatically charged Meltblown	Electrostatically charged Meltblown
Inner Layer	Hydrophilic PP Spunbond	Hydrophilic PP Spunbond	Hydrophilic PP Spunbond	Hydrophilic PP Spunbond	Hydrophilic PP Spunbond
Nose wire	1.6mm diameter Aluminium	1.6mm diameter Aluminium	Metallic Core with PVC coating	Metallic Core with PVC coating	90mm Flat Aluminium Nose Bridge Strip
Head ties	/	/	PP Spunbond	/	/
Stiffening layer	PP Spunbond Nonwoven stiffening fabric	PP Spunbond Nonwoven stiffening fabric	/	/	/
Nose foam	PVC foam	PVC foam	/	/	PVC foam
Ear loops/Head Band	Elastane fibre gathered band with PP Spunbond	Elastane fibre gather band with PP Spunbond	/	Heat set woven elastic Ear Loop	PP Spunbond and elastane fibre
Dimensions	215mm x 90mm	215mm x 90mm	171mm x 95mm	171mm x 95mm	220mm x 55mm
Weight	8.9g	8.9g	3g	4g	5.3g
Latex Free	Yes	Yes	Yes	Yes	Yes
Approved Body	SGS UK Limited A.B.0120	SGS UK Limited A.B. 0120	/	/	/
Product Code	VBFFP2	VBFFP3	OB11RT	OB11R	VB11RT

