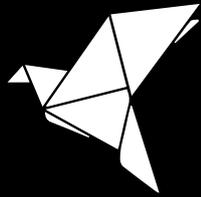
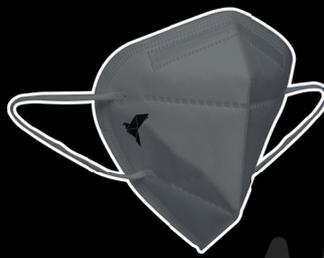


## The safest and most practical mask designed for everyday use by discerning South Africans



- As more contagious strains of the coronavirus are constantly being identified, European nations have made it mandatory for persons to wear FFP2 or equivalent masks in public spaces. Europe's growing mask ask: "Ditch the cloth ones for medical-grade coverings" - The Washington Post
- Most types of unregulated masks (including common surgical style, 3-ply masks) have been found to have extremely low levels of filtration. At BT Medical Devices our laboratory has tested these masks and found them to be wholly inadequate, the masks only serve to give a false sense of security as they do not offer any real protection. \*(test results are available on request.)
- BT Medical Devices has developed a civilian style mask under the brand name "**Premium Black FFP2**" that meets all of the FFP2 requirements and regulations. This mask is SABS approved and has been performance tested by Dekra in Germany - The tests show that the mask has superior functional performance.
- The **Premium Black FFP2** is a practical everyday mask, available in a range of colours with the benefit of being constructed to the strictest medical standards of ISO9001 & ISO13485, licensed by the South African Health Products Regulatory Authority and approved by the South African Bureau of Standards (SABS). With functional performance verified in Germany, this locally manufactured product meets and exceeds the highest international standards.



### BENEFITS

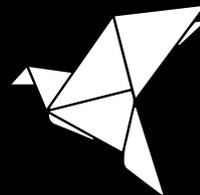
- Constructed in accordance to strict medical standards for a filtration efficiency of >95%, the best defence against infection
- Comfortable and easy to wear all day long
- Locally manufactured to international standards - performance verified in Germany
- Available in a range of practical colours

### THE BT INDUSTRIAL GROUP

- BT Industrial is a multi-award-winning, 100% black-owned and managed manufacturing solutions business built from the ground up.
- We manufacture and supply on a global scale - plastic pipes for water infrastructure, optical fiber as well as polymer based medical fabrics and components for clinical environments.
- The BT Industrial Group is licenced in terms of section 22C(1)(b) of the Medicines and Related Substances Act, 1965 to act as a Manufacturer, Distributor and Exporter by the SOUTH AFRICAN HEALTH PRODUCTS REGULATORY AUTHORITY.
- We have two fully equipped, onsite laboratories that are staffed by 11 Engineers and Scientists. Their task is to ensure unmatched production quality, continuous improvement, R&D and new product development.



## TECHNICAL SPECIFICATIONS



### Technical Specifications

1	<b>Product Name</b>	Premium Black Mask - FFP2
2	<b>Intended Use</b>	Industrial/other
3	<b>Product Code</b>	BTMD 3122 - Ear loop
4	<b>Classification</b>	FFP2 Respirator
5	<b>Aerosol Type</b>	Non-Oil
6	<b>Filtration Efficiency</b>	>95%
7	<b>Breathing Resistance</b>	Inhalation (30/min) <70pa, Inhalation (95/min) <240pa, Exhalation (160l/min) <300Pa,
8	<b>Synthetic Blood Penetration</b>	Not tested
9	<b>Colour</b>	Black/Silver/Blue
10	<b>Size</b>	Universal
11	<b>Exhalation Valve</b>	No
12	<b>Adjustable Nose Clips</b>	Yes
13	<b>Standards</b>	EN 149 / SANS 50149
14	<b>Quality management</b>	ISO 9001:2015 ISO 13485:2016
15	<b>Shelf Life</b>	2 years from date of manufacturing (if properly sealed and stored)
16	<b>Materials</b>	Five layers composing of polypropylene spun-bound fabric, hot air cotton and high efficiency electret melt-blown polypropylene
17	<b>Production Environment &amp; Packaging</b>	ISO Class 7 cleanroom Vacuum packed in cleanroom
18	<b>Instructions For Use</b>	Ear Loop Mask <ul style="list-style-type: none"> <li>• Face the side of the mask without the nose clip and place the nose clip upward.</li> <li>• Hold the mask against your chin with one hand.</li> <li>• Pull the left ear loop over the left ear and pull the right ear loop over the right ear.</li> <li>• Place fingers on the nose clip, starting from the middle position, press the nose clip inwards with both hands and gradually move to both sides to form the nose clip according to the shape of your nose bridge.</li> <li>• Check the air leakage after fitting the mask. Cover the mask with both your hands and exhale. If you feel any air leaking from the nose clip or flanks please readjust until the face mask fits comfortably.</li> </ul>
19	<b>Application / Limitation</b>	<ul style="list-style-type: none"> <li>• Do not share, reuse, wash, abuse or misuse this respirator (SINGLE USE).</li> <li>• Please store product in a clean, hygienic, ventilated, and dry environment.</li> <li>• Reduces wearer's exposure to particles aerosols, and large droplets.</li> <li>• (Leakage requirements will not be achieved if facial hair passed under the face seal).</li> </ul>
20	<b>Other</b>	<ul style="list-style-type: none"> <li>• Not suitable for harmful gases and steam.</li> <li>• Not suitable for hypoxic environments, underwater operations, or fire fighting.</li> </ul>

## CONTACT DETAILS

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