Instructions For Use

Manufacturer	3D Metal Printing Ltd. Innovation Centre University of Bath Carpenter House Broad Quay Bath, BA1 1UD
Model type	FS-A and FS-B
Size	One size only
Usage	Single-use only
Condition	Non-sterile
Waste disposal	Clinical waste

These face shields have been designed and manufactured by engineers at the University of Bath on behalf of 3D Metal Printing, and are manufactured on the University campus at Claverton Down (BA2 7AY). These face shields have been tested to 2020/403 by the British Standards Institution. These Instructions for Use are applicable to the University of Bath Face Shield A (FS-A), and the University of Bath Face Shield B (FS-B).

Contact details: If you have any queries regarding this product, please email **info@bathppe.co.uk**.

1) How to use

- The face shield provides barrier protection to the facial area from droplets which may present an infection risk; however, we cannot guarantee protection.
- The face shield will only be effective if fitted correctly. The shield should be of sufficient width to reach at least to the point of each ear, and it should cover the crown and chin [1].
- If the faceshield is scratched or damaged in any way, it should not be used as it may impair vision.
- Ensure that the face shield is securely attached during use and will not slip from its inital fitted position (e.g. when bending over or looking down) [2].
- The wearer should have an unobstructed view, if the view is obstructed then do not use [2].
- Once fitted, gaps should be assessed and there should be no clear path for a flying projectile to proceed through any gap to the wearer's face [2].
- These have been designed to be single-use items and as such should only be used by one person. After use it is vital that these face shields are disposed of properly as they may present a contamination risk after use.
- These face shields have been manufactured in a clean, but non-sterile environment. Only use 3 days or more after the date of production to reduce any cross-contamination risk [3].

2) Storage

- Store in the plastic bags in which they are supplied, out of direct sunlight.
- Only use 3 days or more after the date of production. Use within 12 months of manufacture.
- If the packaging has become damaged, do not use.

3) Cleaning

- This face shield is intended to be single-use and should arrive clean within its packaging.

- If further cleaning is required it may be cleaned with non-abrasive soap or detergent and warm water using a soft cloth, then rinse and dry, again, with a soft cloth. Avoid the use of any substance likely to damage the surface.

4) Materials

- This face shield has been manufactured from polyester acetate, polyurethane foam, elastic, EVA glue and metal staples; and packaged in polyethylene bags.
- The materials which may come into contact with the wearer's skin could cause allergic reactions in susceptible individuals. In particular please note that the elastic has a central core of natural rubber.

References

[1] Raymond J Roberge, "Face shields for infection control: A review". Journal of occupational and environmental hygiene 13 [4] p235–242 (2016)

[2] BS EN ISO 19734. "Eye and face protection. Guidance on selection, use and maintenance" (2020).

[3] Neeltje van Doremalen, et al., "Aerosol and surface stability of SARS-CoV-2 as compared with SARS-CoV-1.". New England Journal of Medicine (2020).

EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Manufacturer and address	3D Metal Printing Innovation Centre University of Bath Carpenter House Broad Quay Bath, BA1 1UD
Product name	University of Bath Face Shield A & B
Model/ Serial No.	FS-A and FS-B
Technical Reference:	BSI's PPE Technical Specification for Healthcare Professionals during the Covid-19 Pandemic
Applicable Regulation:	PPE Regulation 2016/425 and 2020/403
Notified body for EU type-examination (Module B)	BSI Assurance UK Ltd - NB 0086 Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes, MK5 8PP
Certificate number	CE 729265

We declared that given information on the above statement and attached documents/records are true and correct to the best of our knowledge.

Signed for and on behalf of: 3D Metal Printing

Date: 13th May 2020

Signatory: Mr Alberto Casonato (CEO)

13 May 2020