

UKCA Type Examination Certificate

This is to certify that:

Avon Protection Systems
Hampton Park West
Semington Road
Melksham
SN12 6NB
United Kingdom

Holds Certificate Number:

UKCA 746084

In respect of:

**Model HM50 & HM50P Full Face Respirator
To Technical Specification to Satisfy Annex II of Regulation (EU) 2016/425.**

On the basis that BSI carried out the relevant Type Examination procedures under the requirements of The Product Safety and Metrology etc (Amendment etc)(EU Exit) Regulations 2020 (SI 2020/676) relating to Personal Protective Equipment Regulation (PPE) 2016/425 Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

For and on behalf of BSI, an Approved
Body for the above Regulation
(Approved Body Number 0086):



Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2021-11-25

Latest Issue: 2021-11-25

Effective Date: 2021-11-25

Expiry Date: 2026-11-25

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Product Specification

Range: HM50 Negative Pressure Full Face Mask

Models in Range: HM50 Large – 70501-655-1
HM50 Medium – 70501-655-2
HM50 Small - 70501-655-3

HM50P Large – 605930
HM50P Medium – 605931
HM50P Small – 605932

Product Description: The HM50 is a negative pressure full face mask. It may be used as a normal full-face respirator, using a conventional head harness. In this mode it is CBRN compliant. The HM50 may be used in conjunction with a riot helmet, which replaces the conventional head harness as the means of securing the respirator to the wearer's face. The face mask is fitted with a drinks system

The HM50P variant is available without a drinks system.

Technical Specification: Avon 0018 Rev 2 Technical specification to satisfy Annex II of Regulation (EU) 2016/425. Based on limited clauses of EN 136:1998 with the following exceptions:

1. Field of View: NIOSH CBRN requirement is used as this is aligned to military masks that need compatibility with optical sights
2. Filter ports: The second port in the twin port variant is always fitted with a plug that can only be fitted and removed by the use of a special tool. As the mask is designed for specialist user groups and is not available to general industrial users, closing the second port in this way, but still allowing the filter to be mounted left or right in the same mask

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Certificate Administration Details

Technical File Reference: 'HM50/HM50P 70501/627, Issue 2'

Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI Project Ref.
November 2021	First issue	0086:21:3404882

Note: The Certificate holder is responsible for keeping the Approved Body advised of changes to any aspect of the overall process used in the manufacture of the product

Monitoring of manufactured PPE:

The validity of the Certificate for the products is also dependent on the maintenance of the Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate UKCA 746087.

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