

# ARGUS<sup>®</sup>

## APH05

### Public Order Helmet

The **Argus APH05 Public Order Helmet** is a robust, safe and reliable helmet that has been manufactured and tested to meet recognized standards. It has been specifically designed for the rigorous operational requirements of public order and security duties.

#### KEY FEATURES

- Fully approved to the UK Home Office PSDB Protective Headwear standard for Police Public Order Helmets 2004
- Manufactured in both Thermoplastic and GRP materials
- High impact resistant polycarbonate visors, with anti-mist and anti-scratch coating available
- Adjustable chin strap with chin cup and quick release facility
- Liquid and flame resistant, metal gauze audio apertures to enable local commands to be heard
- Ability to wear a range of full face respirators
- Ability to fit variety of radio communication devices
- Available in a wide range of head sizes

#### SPECIFICATIONS

##### Environmental Conditioning

Helmets subjected to impact attenuation and penetration tests, and visors subjected for impact and pellet protection tests, are conditioned immediately prior to applicable testing to simulate use in a wide range of climatic conditions (-20C to +50C).

##### Coverage & Peripheral Vision

Measurements are taken to establish that the visor covers a minimum defined area of the face, and that the wearer's peripheral vision is not affected by any part of the helmet or visor mounting system.



##### Hearing Attenuation

This test is carried out to ensure that the helmet does not reduce the level of sound reaching the wearer, above defined limits.

##### Flammable Liquid Trap

The test is performed to ensure that there are no liquid traps on the exterior of the helmet, and that the helmet is self-extinguishing within 15 seconds of the test fluid being ignited.

#### Contact Us

Gentex is committed to designing and manufacturing advanced performance capabilities for worldwide aircrew personnel. For more information about the Argus APH05 Public Order Helmet, please contact customer service at [sales@helmet.co.uk](mailto:sales@helmet.co.uk) or +44 (0) 1776 704421, or one of our authorized distributors through [www.gentexcorp.com](http://www.gentexcorp.com). Like us at [facebook.com/Gentexcorp](https://www.facebook.com/Gentexcorp) or follow us on Twitter @Gentex\_Corp

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### SPECIFICATIONS

#### Flame Testing

The test is performed to determine the flame retardant properties of the helmet.

#### Retention Stability Test

Performed to ensure that the helmet does not roll forward over the wearer's face as a result of an applied force.

#### Penetration Test

Performed to ensure that the wearer is protected from a penetrating attack to the helmet body.

#### Impact Testing (Attenuation)

Performed to ensure that the helmet is capable of resisting an impact caused by hand thrown or hand wielded blunt weapons.

#### Vision Test (Prismatic)

Performed to ensure that the vision of the wearer is not distorted due to prismatic effects of the visor.

#### Vision Test (Spherical and Astigmatic Aberration)

Performed to ensure that the vision of the wearer is not distorted due to spherical and astigmatic aberration introduced by the visor.

#### Visor Mist Test

Performed to assess the anti-mist properties of the visor. This test is only applicable to visors that are offered with anti-mist properties.

#### Visor Impact Test

Performed to ensure that a known impact will not cause a deformation of the visor which may contact the wearer's face.

#### Visor Pellet Test

Performed to ensure that the visor can withstand an impact from a low mass high velocity projectile.

#### Visor Solvent Test

Performed to ensure that a visor has a resistance to a test solvent of Methyl IsoButyl Ketone (MIBK).

#### EC Type-Examination Certificate:1991

Assessed and examined against 21/04 PSDB Protective Headwear Standard for UK Police (2004). Conforms to Council Directive 89/686/EEC relating to Personal Protective Equipment (PPE).

### MATERIALS

**Shell:** High impact resistant, self-colored Glass Reinforced Plastic (GRP)

**Liner:** High density Expanded Polystyrene (EPS)

**Cheek Pads:** Fire retardant cotton modal

**Chin Strap:** Fire retardant Nomex

**Chin Cup:** Fire retardant Polypropylene

**Neck Guard:** High density foam with flame retardant PVC covering

**Visor:** High impact optical grade polycarbonate with option of anti-mist, anti-scratch coating

**Weight:** 1.5kg (3.31 lbs)

**Colors:** Black, Blue,

#### Sizing:

Helmet Size	00*	0*	1	2	3	4	5	6*
Helmet Size (cm)	50-51	52-53	54-55	56-57	58-59	60-61	62	63

\*Not Available in Glass Reinforced Plastic (GRP) shell in these sizes

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