

ARGUS[®]

017

Public Order Helmet

The **Argus 017 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

- Approved to BS PAS017:1995 (Amendment 1)
- Manufactured in both ABS 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

Improved Impact Test Method

Improved impact test method using 'dropping headform' equipment and a greater area of testing on the helmet. Testing is carried out for both shock absorption and penetration.

High Energy Penetration Protection

Increased energy applied during penetration testing of the helmet - metal striker with a 3kg mass dropping from 2 meters.



Simulated Weather Conditioning

Testing carried out after conditioning the test helmets at +50c or -20c for between four and twenty four hours.

Ultra Violet Conditioning

Subjected to water spray for up to 24 hours, followed by ultra-violet conditioning for 400 hours prior to impact and penetration testing - simulates sunlight and weather factors.

Contact Us

Gentex is committed to designing and manufacturing advanced performance capabilities for worldwide aircrew personnel. For more information about the Argus 017 Public Order Helmet, please contact customer service at sales@helmet.co.uk or +44 (0) 1776 704421, or one of our authorized distributors through 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

Solvent Conditioning

Solvent conditioning is carried out by wiping over all regions of the helmet shell, mountings, fixings, and attachments to simulate contact with solvents paints etc., before testing.

Retention System

The helmet retention system undergoes two tests. One is a dynamic retention system strength test where only a limited amount of stretching of the chinstrap and fixings is allowed. The other is called the 'roll off' test – where an external dynamic force is applied to roll the helmet off the head in a forwards direction. This ensures that good helmet retention under arduous conditions is achieved.

Visor Protection and Field of Vision

The visor is required to have a minimum area of coverage giving protection against projectiles, solids or liquids, and when assessed together with the helmet must afford a minimum field of vision.

Optical Clarity Testing

Optical tests are carried out on the visor to ensure that enough light is passing through it and that images are not distorted. The visor is conditioned at +50c before this test is carried out

Chemical / Flammable Protection

To ensure that the helmet and visor protect the wearer against flammable liquids, the helmet is set up on a headform and a flammable solvent mixture is poured over the helmet crown, ignited and allowed to burn. There should be no flame or burning after 10 seconds, and the assembly is then inspected for any degradation or hazard to the wearer. A second test consists of applying a propane gas flame to various parts of the helmet for a period of 30 seconds. The helmet should not continue to burn for more than 5 seconds after remove of the flame.

Impact Protection

A steel ball of 6.35mm diameter is fired at the visor to both the front and side at a speed of 12m/second (approximately 270 mph). There must be no failure due to cracks or deformation enabling the visor to come in contact with the headform surface.

MATERIALS

Shell: High impact self-colored fire retardant Acrylonitrile Butadiene Styrene (ABS) Thermoplastic

Liner: High density Expanded Polystyrene (EPS)

Cheek Pads: Fire retardant cotton modal

Sizing Pads: Low density foam padding with cloth covering

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 (Optional 2mm or 3mm and anti-mist, anti-scratch coating)

Weight: 1.5kg (3.31 lbs)

Colors: Black, Blue, White

Sizing:

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

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