



800 Series Headtops

Data Sheet



Main Features

The 800 Series headtops combine head, eye and respiratory protection and are designed to be used with an approved air filter unit or regulator to form a respiratory protection device.

- Choice of 3 options:
 - HT-820 (bumpcap)
 - HT-840 (safety helmet)
 - HT-880 (safety helmet & neck shroud)
- Extremely robust
- Very easy to maintain
- Simple ratchet head-size adjustment
- QRS (Quick Release Swivel) connector to breathing tube
- Wide-vision, impact resistant visor in coated polycarbonate (acetate option available)

Approvals

The 800 Series headtops, when used as part of an approved system, have been shown to meet the Basic Safety Requirements under article 10 and 11B of the European Community Directive 89/686/EEC and are thus CE-marked.

Approval body:

BSI identification number: 0086

Body involved in quality assurance assessment:

BSI identification number: 0086

Standards

The 800 Series headtops have been tested and approved to EN1835 LDH2 when used with the Flowstream™ regulator or Vortex/Vortemp™ units.

The 800 Series headtops have been tested and approved to prEN146 (rev) TH2 when used with the Breathe Easy™ Plus or Dustmaster™ air filter unit.

The 800 Series headtops have been tested and approved to EN12941 TH2 when used with the Jupiter™ air filter unit.

The 800 Series headtops have also been approved as follows:

HT-820 approved to EN812 for bumpcaps

HT-840 & HT-880 approved to EN397 for industrial safety helmets

Polycarbonate visor approved to EN166 1:B:3:9

Acetate visor approved to EN166 1:F:3:9

Materials

Helmet Shell (& jaw) (HT-840/880):

Polycarbonate/polyester resin.

Bumpcap Shell (HT-820): Nylon / ABS

Head Suspension:

Hi-Density Polyethylene, Polypropylene and Acetal

Face seal (HT-820/840): Tyvek™

Shroud (HT-880): Tyvek or Cordura™ Nylon

Wide view lens: Coated polycarbonate or acetate

Foam liner (HT-840/880): polycarbonate / styrene

Head Seals (HT-820): Urethane foam

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Technical Data

Nominal Protection Factor: 50

Assigned Protection Factor: 20

Eye Protection:

Visor surround - EN166:3:9:-B (liquid splash 3, molten metal 9, medium energy impact -B)

Polycarbonate visor - EN166:1:B:3:9 (optical class 1, medium energy impact B, liquid splash 3 and molten metal 9)

Acetate visor - EN166:1:F:3:9 (optical class 1, low energy impact F, liquid splash 3 and molten metal 9)

Manufacturers Minimum Design Flow: 150 l/min

Head size: one size adjustable to fit 52 - 64 cm

Operating temperature: -5°C to +40°C

Weight (without breathing tube or shroud):

HT-820: 845g

HT-840: 1000g

HT-880: 1075g

Spare Parts & Accessories for 800 Series Headtops

PART NO	DESCRIPTION
080-80-03P	Comfort Band
080-80-04P	Head Pad
080-80-05P	Tyvek Face Seal
080-80-06P	Tyvek Neck Shroud
080-80-18P5	Acetate Visor
080-80-19P5	Polycarbonate Visor
080-80-02P	Head Harness
080-80-13P	Visor surround
080-80-15P	Extender Assembly
080-80-16P	Pivot Kit
087-09-04P10	Peel-off Visors
080-80-01P	Chin Strap
080-80-11P	Cordura Neck Shroud
530-19-16P	Anti-misting Agent
105	Disinfectant Wipes

Applications

The 800 Series headtops can either be used as part of a powered air system or as part of a supplied air system.

Depending on the system used, protection may be provided against:

- Particles e.g. dusts, aerosols, paint sprays
- Gases & vapours
- Particles & gases combined

They should not be used in the following conditions:

- Asbestos stripping
- Oxygen deficient atmospheres
- Confined spaces (i.e. spaces with poor ventilation)
- Where the hazard is regarded as Immediately dangerous to Life or Health (IDLH)
- Where the contaminant concentration is above 20 times the Threshold Limit Value

Bumpcaps should be used to protect against injury caused by striking the head against hard, stationary objects.

Safety helmets should be used to protect against injury from falling objects.

Application	Typical industry
Woodworking	Construction
Metal working	Shipbuilding
Grinding & Fetting	Metal fabrication Automotive
Material handling	Agrochemical Waste disposal
Spray painting	General Transport Automotive & Aerospace



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