

# Dromex



## WIRE MESH SPECTACLE



DV-504

### Description

Dromex® DV-504 metal wire mesh dual lens spectacle with polycarbonate side shields is designed to protect the user's eyes in extremely humid environments and against debris, providing excellent visibility combined with exceptional ventilation characteristics.

Designed for compatibility with other PPE such as industrial hats, hearing protectors and respiratory protective half mask devices, DV-504 spectacle is easy to put on with gloves and lightweight for enhanced user comfort.

Suitable for applications protecting the eye from humidity and large particulates of low energy, low impact, used in the forestry, woodwork, carpentry and some mining operations.

### Special Instructions

- Failure to adhere to all instructions and precautionary measures can result in injury.
- If the user has eye conditions or vision impairment, they must consult with a registered physician prior to use.
- In use, prior to entering the hazard area, ensure the spectacle is comfortably fitted over the eyes and the elastic is adjusted to create a seal around the face.

- Any damages to this protective device may reduce clarity of sight that could result in injury.
- Following any major detectable defects on the spectacle, the spectacle should be replaced immediately.
- This spectacle is suitable for use to the lowest marking on the lens (ocular) and frame.
- If the frame, wire mesh and side shields are scratched, cracked or damaged the spectacle should be replaced.
- This spectacle is designed to be used with other PPE equipment.
- Although the manufacturer has examined this eyewear under the system for ensuring quality of production by means of monitoring and inspection, we recommend that all eyewear should be thoroughly inspected before use to ensure no damage is present.

None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer. The information contained herein are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment. Actual conditions of use cannot be directly simulated in a test environment, therefore it is the responsibility of the user and not the manufacturer or supplier to determine the suitability for intended use.

### Compliance & Conformity

Performs to the requirements of EN 1731 Personal protection, Equipment for eye and face protection during welding and allied processes, for compliance with directive 89/686/EEC.

### Specifications

Style:	Metal wire mesh lens with protective side shields.
Lens:	Metal wire and polycarbonate side shields Performs, equivalent to class S increased robustness (Ø22mm ball at 5.1 m/s).
Frame:	Vinyl.
Refractive Power:	Performs, equivalent to $\pm 0.06$ D.
Astigmatism:	Performs, equivalent to 0.06 D.
Optical class:	Performs, equivalent to level 1 - $\pm 0,06$ DIOPTRES for permanent wear.
Lateral vision:	90 degrees.
Minimum Velocity particles:	Not tested.
Mass:	53g.

### Packaging, Storage & Obsolescence

Individually wrapped spectacles in a polybag, sold as 300 spectacles per carton. Store in a cool dry place.



### Inspection Frequency and Details

Prior to use the spectacle should be free of any potential contaminants that can affect the intended performance of the spectacle. The spectacle should be inspected by the user at the end of every use to then again prior to each use. Scratched or cracked eyewear must be removed from service as they will reduce eye protection and obstruct vision.

### Cleaning & Maintenance

These spectacles are designed as re-usable protective eyewear. After use, the lens and frame should be cleaned with a 1% solution of mild detergent. Carefully rinse off all traces of detergent and dry with a soft cloth. Spectacles are not to be cleaned on clothing. Do not use abrasive cleaners or dry clean. No maintenance is required as any altering of the product can affect the performance of the spectacle.

### Limitations of Use

This spectacle is not to be used against liquid splash (including molten metal), hot solid risks, electrical hazards, infrared and ultra violet radiation. This spectacle should not be used for any athletic game, recreational activities, paint ball or simulated water activities. The spectacle alone shall not apply to protection for terrorism incidents from chemical, biological, radiological, and nuclear (CBRN) agents. Do not use this product for protection against laser light.

### Recommendations and Restrictions

The use of this spectacle is restricted to the scope and application as intended by EN 1731.

### Shelf life

The duration of the spectacle cannot be determined by a timeline as its intended for normal day to day use. Ensure proper care and maintenance (inspection and cleaning) is adhered to. Under normal circumstances the eye protector should offer adequate protection for 3 years.

### Disposal

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Safety eyewear should be disposed of considering the hazardous substances they were used for or could be contaminated with. Please consider recycling.



1. Metal wire lens.
2. Polycarbonate side shields
3. Vinyl frame