



## D59 WELDERS HOOD



DW-D59FAWH-NB

### Description

Dromex® D59 flame and acid treated welders hood is designed to protect the user's head and neck from the hazards of accidental flame and hot metal splatter contact during welding applications.

The D59 drill fabric construction is heavy duty and durable, whilst the flame acid hood treatment technology resists the effects of flame contact and acid corrosion offering the user essential protection in the workplace. The 100% cotton satin weave finish and natural fibre construction makes this hood comfortable and breathable.

This hood construction consists of the following:

- Full head and neck coverage
- Toggle with bungee cord and single eyelet
- Dromex® sidewinder label on neck protector

This hood is suitable for use in general work environments such as engineering, smelting operations, mining, construction, oil and gas, petroleum, maintenance and repairs and welding industries.

### Special Instructions

Tighten using toggle to achieve optimum seal.

None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer.

The manufacturer has examined under the system for ensuring quality of production by means of monitoring and inspection.

These flame and acid hoods are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment.

The information contained herein is intended to assist the wearer in the selection of personal protective equipment.

Actual conditions of use cannot be directly simulated in a test environment therefore it is the responsibility of the end user and not the manufacturer or supplier to determine the hood suitability for the intended use. Flame and acid protective hoods should be thoroughly inspected before use to ensure no damage is present.

Should there be visible damage such as tears or burn holes, it is recommended to replace the hood immediately.

### Specifications

Style:	Navy blue adjustable welders hood.
Fabric composition:	100% Cotton.
Mass:	320gsm.

### Compliance & Conformity

- The fabric is approved to SANS 1387-4 for D59 drill fabric, 4/1 satin weave @270gsm, 37 thread per cm weft and 19 threads per cm warp. The breaking strength is 940 N warp and 510 N weft.

### Flame retardant fabric is tested to SANS 1423-1 for textile fabrics of low flammability for apparel:

Class B Category 1:

The fabric ignites within a given time period and might continue to flame but at a rate of flame propagation that is within a specified limit.

Surface Flash None.

Ignition time (seconds) \_ 20 sec.

Rate of flame propagation 5 mm/s.

**\*\* Note this is a test situation for the fabric and does not cancel or imply otherwise to the labels wash instruction.**

### Acid resistant fabric is tested to ISO 6530:2005 for protection against liquid chemicals:

Two levels of the potential performance are assessed by this method of testing to meet with possible requirements for protection against:

- a) Deposition on the surface of a material, at minimal pressure, of spray droplets up to coalescence or occasional small drips.
- b) Contamination by a single low-volume splash or low-pressure jet, allowing sufficient time to divest the clothing or take other action as necessary to eliminate any hazard to the wearer from chemical retained by the protective garment, or, in circumstances where pressure is applied to liquid contaminants on the surface of the clothing material, as a result of natural movements of the wearer (flexing of contaminated areas of clothing at arms, knees, shoulders) and contact with contaminated surfaces (e.g. walking through sprayed foliage).

Acid resistance for protective clothing against liquid chemicals for performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals. The acid resistant finish is primarily a liquid proof coating that is not destroyed by the action of acids or other chemicals. It doesn't allow the cloth to be wetted by the acids and is therefore "acid resistant".

The test chemicals are:

Hydrochloric Acid (HCl)	32%
Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> )	24%
Nitric Acid (HNO <sub>3</sub> )	65%
Sodium Hydroxide (NaOH)	40%

### Packaging, Storage & Obsolescence

DW-D59FAWH-NB are packed in individual polybags and sold as 15 units.

### Sizes Available

Standard one size.

### Cleaning & Maintenance

- The following suggestions will help keep your welding hood neat and safe:
- D59 welding hoods can be cleaned by home cleaning or commercial laundering provided all the recommended conditions and setting are adhered to.
- Should home procedures not remove contaminants, then dry cleaning is recommended.
- Our recommended cleaning for these hoods is as follows:
  - Flame Retardant fabric should not be washed with personal non-flame retardant clothing to avoid contamination by flammable materials.
  - Pre-treat greasy stains and wash the hood in warm water with a light cleaning solvent.
  - Do not use Hypochlorite bleach or detergents containing Hypochlorite bleach as fading may occur.
  - Do not tumble dry.
  - Thoroughly rinse the hood to remove any wetting agents.
  - Do not hang in direct sunlight as fading may occur.
  - Iron the hood to enhance and re-generate the finish effect.
  - When using commercial laundry aids, be sure to read and carefully follow the manufacturer's instructions.



• Note:





The flame-retardant finish is a permanent finish applied to the cotton fabric which reacts with the cotton fibre to produce a permanent covalent bond. This is used internationally to produce a wash fast flame-retardant finish that lasts at least 50 washes.

### WARNING:

**Acid resistant garments when wetted with an acid and allowed to dry or stand in it's wetted state for a long period will destroy the fabric and holes will become visible and widen after each wash.**

- Should acids wet the garment, it should be neutralised and washed as soon as practically possible.
- The chemical used in the acid finish is a Fluorocarbon and is permanent therefore should not lose its effect after 50 washes.

### Marking

MAIN LABEL	SIDEWINDER LABEL	INFORMATION LABEL	PRODUCT STANDARD
			
Position: Side of hood	Position: Inner hood	Position: Inner hood	SANS 1387-4 SANS 1423-1
<b>Disposal</b>			

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Please consider recycling.

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