

# Chemical Protective Neck Wrap

## Instructions for use



*Respirex Chemical Protective Neck Wraps are supplied in a range of materials. Refer to the data sheet supplied with the neck wrap for further information on the performance characteristics of the main material of construction.*

### Limitations and Warnings

- Always follow the instructions carefully; otherwise, the protection offered by the garment may be drastically affected. Chemical protective neck wraps should only be worn in areas where there is a low risk of chemical spillage occurring. In areas of high risk, Respirex can advise alternative items of PPE that will provide the necessary level of protection.
- End-users should carry out a suitable risk assessment in accordance with local legislation to ensure that appropriate PPE is selected for the intended use. Respirex cannot accept responsibility for improper garment use.
- When worn alone, a chemical protective neck wrap only provides partial body protection. If full body protection is required, a neck wrap must be worn with a chemical protective suit comprising of jacket and trousers (or a one-piece overall) together with appropriate safety glasses/goggles, gloves, and boots. All component parts of the suit should be manufactured from the same fabric so as to offer a uniform degree of chemical protection to all parts of the body.
- Always use the neck wrap with a safety approved hard hat and face shield. The impact resistant face shield should be worn in the downward position.
- Neck wraps should not be worn in confined spaces where there may be fumes or vapors or the oxygen content of the air is less than 21%.
- Wearers of neck wraps should be physically fit and capable of wearing the garments under the anticipated conditions of work. If in doubt please seek medical guidance before wearing. Strenuous work which increases the wearer's breathing rate should be avoided.
- Neck wraps are manufactured from non-breathable materials and should only be worn within a temperature range that maintains wearer's comfort and safety. Wearers are advised to take suitable precautions to avoid heat stress occurring, e.g. working to a planned work/rest schedule. Always leave the work area and remove the neck wrap before becoming distressed.
- Materials used in the construction of neck wraps are not known to cause allergic reactions to the majority of individuals; neck wraps contain no components made from natural rubber latex.
- Always use compatible PPE, e.g. jackets, trousers, coveralls, gloves and boots advised by Respirex.

For any further information, please contact the Respirex customer services department on Tel: (281)350-5001 or Email: [info@respirexna.com](mailto:info@respirexna.com)

## Pre-checks

It is recommended that pre-checks are carried out in a clean area at least once per month and always before the start of each shift cycle. Please complete the following during each pre-check.

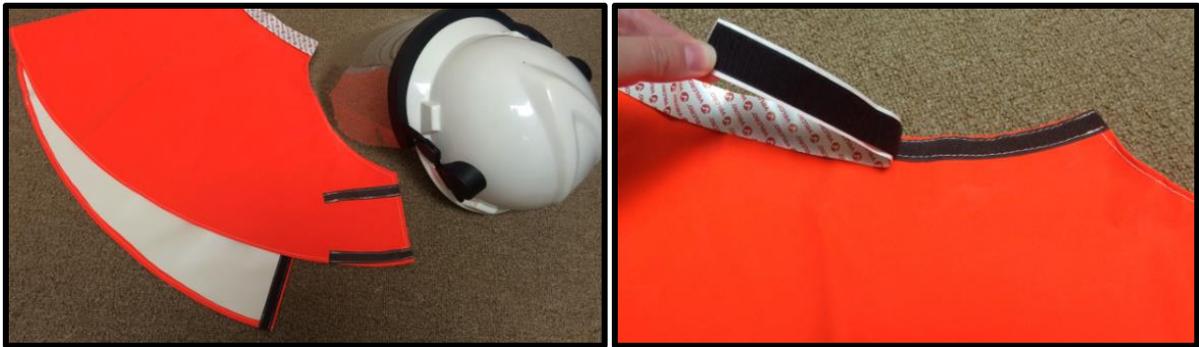
1. Visually inspect the neck wrap for any damage that may reduce the level of protection offered (see service and maintenance section).
2. Make sure vision through the face shield is not impaired by scratches, scuff marks or placement of the neck wrap.
3. Check that neck wrap is free from contamination both externally and internally.

Any garments having defects identified during the pre-checks should be withdrawn from use.

## Installation Instructions

Complete the following steps to properly install the neck wrap.

1. Remove the Velcro back from the top of the neck cloth/neck wrap.



2. Before installing the self-adhesive Velcro inside the hard hat, wipe down the area of placement with a cloth or alcohol wipe so that the Velcro makes a clean connection.
3. Cut the Velcro to the necessary lengths. (Do not cover any of the hard hat safety features or webbing.) Remove the paper backing on the Velcro and install into the inside of the hard hat.



4. Install the neck cloth/neck wrap by aligning the Velcro on the neck cloth/neck wrap with the Velcro in the inside of the hard hat. Carefully align and secure the Velcro to ensure there are no gaps or puckers and that the neck cloth/neck wrap is evenly aligned.



## Donning Procedure

Don the neck cloth in the following stages:

1. Don either a chemical protective coverall or two-piece suit (jacket and trousers) in accordance with the manufacturer's instructions. The use of properly donned safety glasses / goggles is recommended below the hard hat's face shield.
2. With the neck wrap properly installed (see installation instructions), place the hard hat properly on your head and adjust as needed to ensure the hard hat fits properly and is secure.
3. Close the neck wrap by fully securing the Velcro on the front of the neck wrap below the chin. The neck wrap should drape over (be on the outside) of the wearer's jacket / suit.
4. Make sure the hard hat's face shield is in the proper lowered position and ensure your neck can move freely and your vision is not impaired.
5. Using mirrors or a dressing assistant, make sure the neck wrap is fully secured to the hard hat and properly on the outside of the wearer's jacket / suit.



## Doffing Procedure

It is recommended that the doffing procedure is carried out with the aid of a dressing assistant. Depending upon the contaminant encountered, it may be necessary for the assistant to wear appropriate PPE selected by qualified safety personnel.

1. Always wear appropriate chemical protective gloves during the doffing process. Do not touch the face, neck or body during this process. Ensure that the hard hat, face shield, neck wrap and gloves are free of moisture & contaminants before proceeding with this process to protect the wearer during doffing.
2. Unfasten the Velcro closure below the chin of the wearer.
3. Fold the neck wrap flaps outward and remove the hard hat and neck wrap without touching the wearer's face or neck.
4. Once the hard hat and neck wrap have been doffed, gently remove the neck wrap by pulling it away from the Velcro attached to the hard hat. Care should be taken to not touch the inside of the hard hat.
5. Used neck wraps should be cleaned in accordance with the procedures detailed below.
6. Used hard hats and face shields should be decontaminated and cleaned in accordance with the manufacturer's recommendations.

## Recommended Decontamination and Cleaning Procedure

- If neck wraps are contaminated by acid splash, they should be drenched in a neutralizing bath with a pH value of 9 for approximately 10 minutes. The recommended neutralizer is a solution of bicarbonate of soda and water (6% bicarbonate of soda W/V). If contaminated with an alkali, the alkali should be removed by drenching in clean water for approximately 10 minutes.

- After decontamination the outer surfaces of the neck wrap should be wiped with a sponge using a diluted solution of Citrikleen and warm water (temperature not exceeding 50°C). Mix one part Citrikleen to 19 parts water, i.e. 5% solution. Never use Citrikleen in concentrated form as this will cause damage to the garment materials. After wiping with the diluted Citrikleen solution, the neck wraps should be rinsed with cold water.
- Limited light mechanical washing can be carried out using a 5% Citrikleen solution with a water temperature not exceeding 30°C. Note: Excessive or hard mechanical washing could reduce the lifespan and level of protection offered by your garment.
- Neck wraps should be allowed to dry naturally or hung in a drying cabinet or warm room with a temperature not exceeding 30°C.
- Garments used by more than one person must be cleaned, inspected, and sanitized after each use. If not properly cleaned, contamination may cause illness or disease.
- Sanitize the garment by cleaning as described above or by liberally applying Synodor to the inside surface of the fabric.

Please note the following:

- LIGHT MECHANICAL WASHING ONLY
- DO NOT SPIN
- DO NOT DRY CLEAN
- DO NOT BLEACH
- DO NOT IRON
- DO NOT TUMBLE DRY
- DO NOT USE AGGRESSIVE CLEANING POWDERS
- DO NOT SCRUB THE SURFACE OF THE FABRICS

## Cleaning Accessories

- For cleaning garment outer surfaces use *Citrikleen, Part No. F00938.*
- For cleaning garment inner surfaces use *Respirex Synodor Odor San, Part No.F00936.*
- To prevent the visor from misting apply *Respirex 'Fog-Off', Part No. F00934.*

To order these accessories contact Respirex customer services on Tel: (281)350-5001 or Email: info@respirexna.com.

## Servicing and Maintenance

Neck wraps manufactured from polymer rubber materials, e.g. Neoprene, can be repaired using a Respirex Repair Kit\*. Garments manufactured from thermoplastic materials, e.g. PVC, require specialist equipment and will need to be returned to the manufacturer for repairs.

*\*Respirex does not guarantee any repairs carried out by the end-user.*

It is recommended that used garments are periodically returned to our care and maintenance department for overhaul, repairs, and where necessary report on the condition of your equipment. When your garments should be returned for inspection will depend upon the extent of usage.

There is no pre-determined life expectancy for your garments; this will depend upon usage, maintenance and washing. However, the level of protection offered by your garment will be seriously diminished by the existence of the following;

1. Lifting seam tapes
2. Degradation/Thinning of material
3. Holes/Tears/Abrasions
4. Lifting or missing Velcro

For further enquiries on servicing & maintenance contact Respirex customer services on  
Tel: (281)350-5001 or Email: [info@respirexna.com](mailto:info@respirexna.com).

## Storage

Neck wraps should always be stored in a clean and dry condition, and if being stored for long periods of time, out of direct sunlight. The storage environment should be clean, dry and of ambient temperature. Respirex recommends that neck wraps are stored in the flat position. Do not stack more than 20 units high.

## Sizes

The neck wrap is one size fits most. If the neck wrap cannot fully close in the front, or if it is tight on the wearer's neck do not use. In the event that the neck wrap does not fit properly, other hood and neck protective options are available – please contact Respirex.

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