

Safety Information – EYE PROTECTION



STANDARD NUMBER

All Vitrex eye and face protection satisfies the requirements of the European Directive for Personal Protective Equipment (PPE) 89/686/EEC and has been manufactured in accordance with the requirements of the European Technical Standard EN166:2001, EN166:2002-04 and in addition carries the European Union CE Mark.

SPECTACLES

These meet the requirements of increased robustness or low-energy impact, but do not protect against dust or liquid splash.

GOGGLES

Designed for low or medium velocity impacts and for goggles with indirect ventilation also against dust and liquid splash. Gas welding goggles must not be used for electric arc welding.

BROWGUARDS AND SCREENS

Protect eyes and face against high velocity impacts and also liquid splash but not dust.

LIFE AND PERIOD OF USE

The shelf life of goods if stored in boxes is indefinite. Products stored in good condition at an even ambient temperature should be thoroughly inspected before use. If the product shows signs of deterioration after storage they should be replaced.

CLEANING

Store at normal room temperature in a box or a locker. Carry in the box, bag or case provided and not unprotected in a pocket with other items. Clean with warm soapy water, rinse then dry with a clean lint free cloth or tissue. Check daily: hinge screws, pivots or other moving parts for tightness and security. Disinfect when required with mild household or medical

disinfectant, then rinse off as in previous clause.

STORAGE

Items to be transported should be packaged in the box, bag or case provided and not carried loose with items such as tools or other metal objects.

WARNINGS

Should the product cause skin irritation its use should be discontinued and medical advice sought. Broken or damaged products, scratched lenses and items obviously at the end of their useful life must be immediately replaced. If the symbols S, F or B are not common to both ocular and the frame, then it is the lower level which shall be assigned to complete eye protector. For an eye protector to comply with field of use symbol 9, both the frame and ocular shall be marked with this symbol together with one of the symbols F or B.

Low and medium energy oculars are impact resistant but not unbreakable. Clean and inspect regularly. Pitted or scratched lenses reduce vision and seriously reduce protection - replace immediately. Some impact resistant

SHADE NUMBERS OF FILTERS TO BE USED DURING GAS WELDING & BRAZING		
Flow rate q of acetylene	Type of operation	
	Welding & brazing of heavy metals	Welding with emissive fluxes (notably light alloys)
(L/H) q < 70	4	4F
70 < q < 200	5	5F
200 < q < 800	6	6F
800 < q	7	7F

Note 1. According to the conditions of use, the next greater or the next smaller shade number can be used.
Note 2. The term heavy metal applies to steels, alloy steels, copper and its alloys etc.

eye protectors will facilitate the wearing of prescription spectacles under them. However in certain cases these eye protectors may transmit impacts to the eyewear enclosed and therefore the protection stated on the eye protector may be reduced.

MAX STRENGTH	PRODUCT MARKING	
Increased robustness	(12m/s)	S
Low energy impact	(45m/s)	F
Medium energy impact	(120m/s)	B
High energy impact	(190m/s)	A

OPTICAL PERFORMANCE	
Optical class 1	1
Optical class 2	2
Optical class 3 (not suitable for long periods of use)	3
Ocular resistant to damage by fine particles (optional requirement)	K
Ocular resistant to fogging (optional requirement)	N

FIELDS OF USE	
Droplets and splashes of liquids	3
Large dust particles	4
Gas and fine dust particles	5
Short circuit electric arc	8
Molten metal and hot solids	9

DESIGNATION OF FILTER	PRODUCT MARKING	SHADE
Welding filters	-	1.2 to 16
Ultraviolet filters (colour recognition may be affected)	2	1.2 to 14
Ultraviolet filters (good colour recognition)	3	1.2 to 5
Infrared filter	4	1.2 to 10
Sunglare filter (without infrared specification)	5	1.1 to 4.1
Sunglare filter (with infrared specification)	6	1.1 to 4.1

(Lens markings will consist of the filter identification, followed by the appropriate shade no.)

If the ocular and frame do not carry identical marking relating to mechanical strength the whole eye protector is classified as the lower rating.

Safety Information – EAR PROTECTION



EAR CAPS

APPLICATION

The Ear Cap is a hearing protector with a foldable headband and reusable, replaceable earplugs. It can be worn over-the-head, behind-the-head or under-the-chin. Weight including headband: 10g

STANDARD NUMBER

Tested according to EN352-2:1993
Subjective attenuation according to ISO 4869 - 1: 1990. Institute: BIA, Germany. Test report No. 9606892. Notified body No. 0121 - BIA, Germany.

INSTRUCTIONS FOR USE

Unfold the headband.
Place the hearing protector in the desired position. Holding the headband by its ends, insert the plug with a slight rocking and twisting motion, while pulling the outer ear upwards and backwards to straighten the ear canal.
In the presence of background noise (below 80 dB), check that the plug attenuates noise well without any leakage.
Wear plugs during the entire noise exposure.

MAINTENANCE

The earplugs should be regularly inspected for serviceability.

CLEANING

After use, clean the plugs with mild soap and warm water.

STORAGE

The plugs should be stored before and after usage in a way that protects them from dirt, grease, etc.

WARNINGS

This product may be adversely affected by certain chemical substances. Please note that the protection afforded by the earplugs can be severely impaired, if the above recommendations are not followed.

Safety Information – EAR PROTECTION



CORDED AND TAPERED EARPLUGS

STANDARD NUMBER

Tested according to EN352-2:2002.

INSTRUCTIONS FOR USE

With clean hands, roll the plug between your fingers into a very tight cylinder and insert it with a slight rocking and twisting motion while pulling the outer ear upwards and backwards to straighten the ear canal. Let the plug expand in the ear canal for approx. 30 seconds. In the presence of background noise (below 80 dB (A)), check that the plug attenuates noise well without any leakage.

Choose the right size plugs for a proper fit. If neither of the two sizes fits, please choose another type of Vitrex hearing protector before entering the noise area. Wear plugs during the entire noise exposure.

MAINTENANCE

The earplugs should be regularly inspected for serviceability.

STORAGE

The plugs should be stored before and between usage in a way that protects them from dirt, grease, etc.

WARNINGS

This product may be adversely affected by certain chemical substances. Further information

should be sought from the manufacturer. Please note that the protection afforded by the earplugs can be severely impaired, if the above recommendations are not followed.

EAR PROTECTORS

APPLICATION

When worn properly and given adequate care, ear protectors provide excellent protection which filters high levels of noise that are encountered in an industrial environment.

STANDARD NUMBER/MARKING

This hearing protector complies with the requirement of European Standard EN352-1:2002: "Hearing Protectors - Safety Requirements and Testing - Part 1" The following markings can be found on the cups. CE Mark with number of the European Standard. Certification notified body No. 0194, Gt Manchester, England.

INSTRUCTIONS FOR USE

Extend headband to maximum "open" position and place the cups over the ears with the headband passing over the head. Settle the headband in position on the head while adjusting the height of the ear cups until they feel comfortable and the headband rests on top of the head to support the muffs.

The ear cushions should be a snug fit against the head. Adjust to the correct pressure on the head by forced bending of the headband to

ensure an effective noise seal.

Put the ear protectors on before exposing yourself to noise, and wear at all times during exposure to excess noise levels.

MAINTENANCE

Before use inspect all parts for damage, especially the ear cup cushions. All damaged parts should be replaced.

Ear cushion may deteriorate with use and will need to be replaced as follows:

- Pull off old cushion, remove old absorber.
- Fit new absorber then fit new cushion, ensuring that the skirt of the cushion fits neatly over the cup.

CLEANING

Clean with warm soapy water, do not use organic solvents or alcohol for cleaning. Rinse thoroughly with clean water and allow to dry naturally.

STORAGE

When not in use, it is recommended to store the ear protectors in a clean, dry environment for optimum protection.

WARNINGS

These ear protectors are of "normal size range" complying with EN352-1: i.e. designed to fit the majority of wearers. If in doubt, do not use and seek professional advice. If the information on this leaflet is not adhered to, safety can be greatly undermined. This product may be adversely affected by certain chemicals. If in doubt further information should be sought from the supplier.

Safety Information – RESPIRATORS



MASK RATING AS PER PACK DETAILS

CHECK PRIOR TO USE

- Check the straps are well stapled.
- Check the nosepiece and inner sponge are flued closely on the respirator.
- Check the valve is set up well if the respirator is with an exhalation valve.
- Check the use by date which is printed on the packaging.

FITTING INSTRUCTIONS

The respirator must seal tightly to the face or air will enter from the sides.

- Place fingers inside the respirator. Bend the nose clip around fingers to form nose shape.
- Holding mask in position over nose and mouth, with retaining straps around back of hand. Pull lower portion of strap over head and lift around neck.
- Stretch and pull the upper strap over your head on the back of your head above your ears.

Using both hands, form nose clip around nose and adjust the tension in the upper and lower portions of the continuous loop head strap, to ensure a positive face seal. To test fit for respirator with exhalation valve: cup both hands over the respirator and inhale sharply. A negative pressure should be felt inside respirator. If air flows around your nose, tighten the nose piece. If air leaks around the edges, reposition the headband for better fit. Change respirator immediately if breathing becomes difficult or respirator becomes damaged or distorted, or a proper face fit cannot be maintained. Careful observance of these instructions is an important step in safe respirator use.

STORAGE

Store the mask in a clean dry environment away from direct heat source and sunlight, do not store below 5°C or above 38°C.

WARNINGS

Failure to follow all instructions and limitations

on the use of these products could reduce effectiveness of the respirator and result in sickness or death. A properly selected respirator is essential to protect your health. Before using these respirators, consult an Occupational Safety Professional to determine the suitability for your intended use. These products do not supply oxygen. Use only in adequately ventilated areas containing sufficient oxygen to support life. Do not use these respirators when oxygen concentration is less than 19%. Do not use when concentrations of contaminants are immediately dangerous to health or life. Do not use in explosive atmospheres.

Leave work area immediately and return to fresh air if (a) breathing becomes difficult, or (b) dizziness or other distress occurs. Facial hairs or beards and certain facial characteristics may reduce the effectiveness of this respirator. Never alter or modify any respirator in any way.

Only for single use. No maintenance necessary. Discard the used respirator after single use. Keep respirators in the original packaging away from direct sunlight until use.