

CONSTRUCTION INDUSTRY AND RESPIRATORY HAZARDS



“Construction Dust” is a term used to sum up harmful dusts found on a construction site such as silica, asbestos, hard and soft wood etc. These types of dust are not just a nuisance, they can seriously damage your health and some **can even kill**.

Every year it is estimated around **8000 people in the UK die** from diseases as a result of exposure to dust in the workplace. Most of these diseases take many years to develop, and so deaths occurring now are likely to be because of past workplace exposure.



Silica dust is considered one of the more harmful dusts found on a construction site. It is a natural substance found in most rocks, sand and clay, and in products such as brick and concrete. When inhaled it can cause serious diseases such as **silicosis, lung cancer and chronic obstructive pulmonary disease (COPD)**.

Silica dust has a Workplace Exposure Limit (WEL) of **0.1mg/m3** which must not be exceeded. It can range in size but the particles from **0.5 to 5 micron can be trapped in the respiratory system and cannot be eliminated**.

When performing tasks such as **cutting, grinding, drilling, and sanding** etc, it is vital that certain control measures are put in place to protect yourself from this dust. These should include dust extraction, water suppression and respiratory protective equipment (RPE).

RPE should be worn at all times when carrying out these tasks, or even when working near to where these tasks are being done. The RPE should offer an **adequate level of protection (P3 should be used for protection against construction dust)** and should also be suitable for the wearer.

It's important a fit test is carried to ensure the mask is worn properly with no gaps in the seal, and training is provided so employees are competent in wearing RPE effectively.



**ELIPSE P3 PROTECTIVE RESPIRATORS
HAVE A MINIMUM EFFICIENCY
OF 99.97% AND POROSITY 0.3 MICRONS**

GIVE TO YOUR EMPLOYEES A COMPLETE PROTECTION AGAINST DUST

RESPIRATORS PROTECTION CLASS – P3

COMFORTABLE
ULTRA COMPACT
LIGHT

ANATOMICAL DESIGN

Elipse fit perfectly to the face, without hindering the user. The compact profile of the body and filters allows all ELIPSE® range masks to perfectly seal to the face and ensure the greatest possible field of vision during use, without interfering with other eye or ear protections which users choose to wear.

COMFORTABLE and HYPO-ALLERGENIC

Unique comfort, thanks to the flexible and soft characteristics of the TPE (Thermo Plastic Elastomer), used in the ELIPSE® masks, making them very comfortable even for extended use.

HIGH PROTECTION AND RESISTANCE

pleated replaceable filters offer a minimum efficiency of 99.97 % or higher at 0.3 microns particle size

CERTIFICATIONS

Mask conforms to EN140:1998

Filters conform to BS EN143:2000/A1 P3(RD)



CODES	DESCRIPTION
SPR299 (S/M)	Elipse Mask S/M with P3 filters
SPR501 (M/L)	Elipse Mask M/L with P3 filters
SPR316	pair of replacement p3 filters



DIMENSIONS

Filter: 11 mm x 97 mm x 53 mm
Mask: 93 mm x 130 mm x 110 mm
WEIGHT:
Filter: 17.5 g
mask: 98 g

HESPA® and Elipse® are trademarks of GVS. The pleat encapsulation filter technology used in this face mask is patented.