

RESPIRATORY PROTECTION - MASKS: FFP3

Selection of Respiratory Disposable Products

There are three types of protection standards -

- P1:** Lower or basic level - choice with/without valve.
- P2:** Intermediate - choice with/without valve.
- P3:** Highest level of protection - available only with valve. The valve reduces heat and moisture build-up which improves comfort for the wearer.

Common Respiratory Hazards

- Dusts:** Created when solid materials are totally or partially reduced to smaller particles, they are more easily inhaled the longer they stay in the atmosphere.
- Fumes:** These will generally be created when materials/metals vapourise in high temperature conditions which then cool rapidly thus condensing into very fine particles
- Gases:** Which are airborne at room temperature and are able to move about rapidly into any space within a short period of time.
- Vapour:** Are given off by materials that are generally liquids or solids at normal room temperature.

Terminology used in Respiratory Protection

- W.E.L.:** **Workplace Exposure Limits**
These are two types - occupational exposure standards or maximum exposure limits.
- O.E.S.:** **Occupational Exposure Standards**
These are levels for a substance for which the majority of employees may be exposed to for an eight hour day, five days a week. Exposure to a substance assigned as O.E.S. can be exceeded, however steps need to have been identified to show exposure will be reduced.
- M.E.L.:** **Maximum Exposure Limits**
These limits are generally accepted as the maximum exposure periods that people should be exposed to substances which can result in very serious types of cancer, occupational asthma etc. Exact safe levels of exposure cannot be identified, and caution should be used when exposed to these substances.

The M.E.L. should never be exceeded and exposure reduced to as low as is reasonably practicable whenever possible

Protection Factors for Respiratory Protection

- N.P.F.:** **Nominal Protection Factor**
These protection factors are extracted from the performance data categories of the European Standards to which all respirators are tested. These should not be used to select R.P.E.
- A.P.F.:** **Assigned Protection Factor**
These are deduced from many workplace protection factor studies as laid out in the **British Standard BS 4275**. These should be used in product selection decisions.
- R.P.E.:** **Respiratory Protective Equipment**
Each type of respiratory protective equipment has specific limitations relevant to its use and these dictate, along with the design, what type of application and conditions are best suited to each specific product.

TUFFSAFE† Particulate Respirator Mask - Valved



DRV 350

For protection from high toxicity solid aerosols in concentrations up to 50 x NPF or 20 x APF, the Tuffsafe FFP3 mask is designed to provide a custom fit which is comfortable for the wearer. Polypropylene outer layer provides a smooth lining and avoids loose fibres, whilst fringe seal avoids an open layer around edges. Adjustable headstrap ensures best seal with minimum leakage. Soft nose foam and adjustable nosepiece increase wearer comfort and acceptance over extended periods of use and the mask has an exhalation valve for reducing hot air build-up. Its contour design also enables compatibility with eyewear and reduces fogging. Conforms to **EN149:2001 + A1:2009 FFP3 NR D**.

PACK OF 5

SITESAFE Valved Particulate Respirator Mask



SSDRV350

Unique design to provide very low breathing resistance. Polypropylene (PP) outer layers provide smooth lining and avoid loose fibres, fringe seal avoids open layer around the edges, adjustable headstrap ensuring the best seal with minimum leakage, contour design ensures the compatibility of glasses/goggles and reduces fogging, full facial close-cell nose foam and adjustable nosepiece ensure custom shape and increase the worker comfort and acceptance. With exhalation valve for breathing easier and reduces hot air build-up. For protection from high toxicity harmful solid and liquid aerosols. Conforms to **EN149 2001** and **AS/NZS 1716:2003** standards.

PACK OF 5



FFP3 NR D 20 x APF
50 x NPF VALVED

NEW

FFP3 50 x NPF
20 x APF VALVED

Product Number	Pack Quantity	Weight each	Order Code
DRV350	5		-2140K

Product Number	Pack Quantity	Weight each	Order Code
SSDRV350	5	24g	-2790M

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR