

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**.

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

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
DRV350	5		-2140K	875.00

PACK OF
5



FFP3 50 x NPF
20 x APF VALVED

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSDRV350	5	24g	-2790M	824.00

PERSONAL PROTECTION

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

FFP2 NR D: The dolomite test is an optional test under norms **EN 149:2001 +A1:2009**. Those respirators which pass the dolomite clogging test are proved to provide a more comfortable fit and resist clogging for longer.

TUFFSAFE↑ Particulate Respirator Mask

DRM212

Conforms to **EN149:2001 + A1:2009 FFP2 NR D**.

Combines protection against harmful workplace environmental conditions with enhanced wearer comfort. Polypropylene outer layer provides 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 contour design enables compatibility with eyewear and reduces fogging. The mask is also disposable and requires no maintenance.

Protection against concentrations up to 12 x NPF or 10 x APF in materials such as calcium carbonate, china clay, cement, cellulose, sulphur, cotton, flour, ferrous metals, vegetable oils, hardwood, glass fibres, plastic, carbon, mineral oils, quartz, aluminium, bacteria, fungi and mycobacterium tuberculosis (TB).



**PACK OF
20**

NEW

FFP2 NR D

12 x NPF

10 x APF

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
DRM212	20	10g	TFF-959 -2130K	775.00

Particle Respirator Mask - Valved

DRV212

Conforms to **EN149:2001 + A1:2009 FFP2 NR D**.

Combines protection against harmful workplace environmental conditions with enhanced wearer comfort. Polypropylene outer layer provides a smooth lining and avoids loose fibres, whilst fringe seal avoids 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.

Protection against concentrations up to 12 x NPF or 10 x APF in materials such as calcium carbonate, china clay, cement, cellulose, sulphur, cotton, flour, ferrous metals, vegetable oils, hardwood, glass fibres, plastic, carbon, mineral oils, quartz, aluminium, bacteria, fungi and mycobacterium tuberculosis (TB).



**PACK OF
10**

FFP2 NR D

12 x NPF

10 x APF

VALVED

NEW

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
DRV212	10	17g	TFF-959 -2135K	625.00

SITESAFE Particulate Respirator Mask

SSDRM212

Conforms to **EN149 2001 FFP2 and AS/NZS 1716:2003**.

Features polypropylene (PP) outer layers providing smooth lining and avoiding loose fibres, whilst the fringe seal avoids open layer around the edges. Kept in position by a latex-free synthetic rubber head strap. The contour design enables the mask to be worn with glasses/goggles and the close fit helps to reduce fogging. Soft close-cell nose foam and adjustable nosepiece ensures custom shape and increases worker comfort and acceptance.

For protection against low-to-average toxicity, harmful solid, liquid and smoke in concentrations up to 12 x NPF or 10 x APF.



**PACK OF
20**

FFP2 NR

12 x NPF

10 x APF

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSDRM212	20	10g	SSF-959 -2768D	773.00

Particulate Respirator Mask - Valved

SSDRV212

Conforms to **EN149 2001 FFP2 and AS/NZS 1716:2003**

standards. Features polypropylene (PP) outer layers providing smooth lining and avoiding loose fibres, whilst fringe seal avoids open layer around edges. Kept in position by latex-free synthetic rubber head strap. Contour design enables mask to be worn with glasses/goggles and the close fit helps to reduce fogging. Soft close-cell nose foam and adjustable nosepiece ensure custom shape and increase worker comfort and acceptance. With exhalation valve for breathing easier and reduce hot air build-up.

For protection against low-to-average toxicity harmful solid, liquid and smoke in concentrations up to 12 x NPF or 10 x APF.



**PACK OF
10**

FFP2 NR

12 x NPF

10 x APF

VALVED

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSDRV212	10	17g	SSF-959 -2788D	618.00

FFP1 NR D: The dolomite test is an optional test under norms **EN 149:2001 +A1:2009**. Those respirators which pass the dolomite clogging test are proved to provide a more comfortable fit and resist clogging for longer.



Particulate Respirator Mask

NEW

DRM104

Conforms to **EN149:2001 + A1:2009 FFP1 NR D**.

Combines protection against harmful workplace environmental conditions with enhanced wearer comfort. Polypropylene outer layer provides 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 contour design enables compatibility with eyewear and reduces fogging. The mask is also disposable and requires no maintenance.



PACK OF
20

FFP1 NR D

4 x NPF

4 x APF

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
DRM104	20	8g	-2120K	699.00

Particulate Respirator Mask

NEW



DRV104

Conforms to **EN149:2001 + A1:2009 FFP1 NR D** standards. Collapse-resistant double shell, made to withstand hot and humid conditions, a fringe seal avoids open layers around the edges, a latex-free synthetic rubber head strap and contour design ensures the mask can be worn with glasses/goggles the close fit helps to reduce fogging. Fitted with an exhalation valve for extra comfort in hot and demanding conditions allowing easy breathing and speaking. Soft close-cell nose foam and adjustable nosepiece for a custom shaped fit, increases the worker comfort and acceptance over extended periods of use.



PACK OF
10

FFP1 NR D

4 x NPF

4 x APF

VALVED

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
DRV104	10	14g	-2125K	575.00

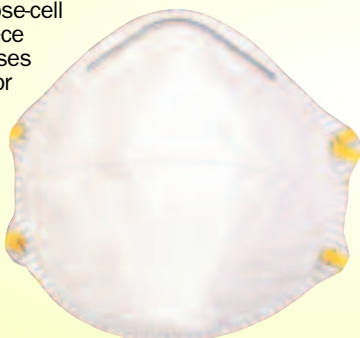


Particulate Respirator Mask

SSDRM104

Conforms to **EN149 2001 FFP1** standards. **AS/NZS 1716:2003**.

Features polypropylene (PP) outer layers providing smooth lining and avoiding loose fibres, whilst the fringe seal avoids open layer around the edges. Kept in position by a latex-free synthetic rubber head strap. The contour design enables the mask to be worn with glasses/goggles and the close fit helps to reduce fogging. Soft close-cell nose foam and adjustable nosepiece ensures custom shape and increases worker comfort and acceptance. For protection against low to average toxicity harmful solid and liquid in concentrations up to 12 x NPF (Nominal Protection Factor) or 10 x APF (Assigned Protection Factor).



PACK OF
20

FFP1

4 x NPF

4 x APF

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSDRM104	20	8g	-2765K	670.00

Particulate Respirator Mask



SSDRV104

Conforms to **EN149 2001 FFP1** and **AS/NZS 1716:2003** standards. Provides protection against non-toxic harmful solid and liquid in concentrations up to 4 x NPF or 4 x APF, such as calcium carbonate, china clay, cement, cellulose, sulphur, cotton, flour, carbon, ferrous metals, vegetable oils and soft wood. Recommended applications for textile industry, craftwork, iron and steel industry, mining, woodworking etc. Exhalation valve to reduce hot air build-up. Maintenance-free (disposable).



PACK OF
10

FFP1

4 x NPF

4 x APF

Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSDRV104	10	14g	-2785K	567.00

'Nuisance' Dust Mask Application Information

Nuisance dust masks should not be used to protect your lungs, or used where a device complying with the European Directive 89/686 or 89/656 is required. It is not classified as a respiratory protective device and falls outside the PPE (EC Directive) Regulations. These products should not be used to protect against fine dust particles, toxic gases and vapours.



Nuisance Dust Mask

PACK OF
50

SSTCM50

Reduces discomfort caused by non-toxic nuisance dusts. It is lightweight and comfortable to wear and completely maintenance-free (disposable).



Product Number	Pack Quantity	Weight each	Order Code	Price/Pk TB
SSTCM50	50	8g	-7250K	258.00



PERSONAL PROTECTION

PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR