

# 6300 Half-Mask Respirator

The 3M 6300 Respirators 6000 Series are used with twin lightweight filters which are fitted by a simple bayonet attachment system, providing an economical and flexible choice. The Respirators can also be used with the 3M S-200 Supplied-Air System for increased convenience and flexibility. Features of the 6000 series half-mask include Lightweight mask, Flexible system (gas / vapour and / or particulate filters, plus Supplied-Air option, Hypoallergenic facepiece material, Easy to use, Well balanced, 3 sizes (6100—small, 6200 - medium, 6300 - large), Low maintenance, Economical

## Soft Elastomeric Face Piece

- + Light weight
- + Easy to strip mask or service / cleaning
- + Can be worn with protective eyewear

## Cradle Suspension

- + Easy to fit and comfortable
- + Less pressure of face and head

## Filters

- + Twin side mounted filters for better balance and improved field of vision.
- + Integral filter seal rings
- + Wide range of filters and filter combinations.
- + Swept back unique bayonet filter attachment system provides a safe and secure fit.
- + Low profile of mask and filters on the face allows easier fit under welding shields and visors
- + Easy to achieve compatible fit with eyewear to reduce risk of misting.

## Neck Strap

- + Easy to fasten neck strap
- + Enhances fit and comfort.



## Note:

The 6098 or 6099 filters should not be used with 7500 series half masks.

## Suitable for use with



3M 6000Series cartridges  
(excluding 6098 and 6099)



3M 5000Series prefilters to be used  
with 3M501 retainers and 6000 series  
cartridges



3M 2000Series filters

## Typical Applications

Vehicle manufacture, Boat building, Ink and Dye manufacture and use, Adhesive manufacture and use, Paint and varnish manufacture, Resin manufacture and use, Ammonia - Manufacture and Maintenance of refrigeration equipment, Agrochemicals, Electrolytic processes, Acid Cleaning and Metal Pickling, Metal Etching, Hospitals and Laboratories.



For additional information and limitations of use please refer to 3M6300 series data sheets. Specifications may change without prior notice



## Main Features

The 6300 Half Mask Respirators are used with twin lightweight filters which are fitted by a simple bayonet attachment system, providing an economical and flexible choice. The Respirators can also be used with the 3M S-200 Supplied-Air System for increased convenience and flexibility.

**The 6300 Half Mask Respirators** can be used in a variety of different filter / product options :

**Gas and vapour filters** The 6000 series filters fit directly onto the 6300 half masks respirator.

**Particulate filters** The 2000 series particulate filters fit directly on to the 6300 half masks respirator. The 5911 / 5925 / 5935 particulate filters may be used on their own with platform 60 retainer 501.

**Approvals** The 3M 6000/2000 series have been shown to meet the Basic Safety Requirements under Article 10 and 11 B of the European Community Directive 89/686, and are thus CE-marked.

### Approval bodies:

- ☐ 6000HM: Dantest (0200)
- ☐ 6000 Filters: BSI (0086)
- ☐ 5000 Filters: Dantest (0200)
- ☐ 2000 Filters: BSI (0086)

## Correct Usage

The 6300 Half Mask facepieces when fitted with 6000 Series gas/vapour filters may be used in concentrations of gases or vapours (types specified by 3M) up to 10 times OEL or 1000 ppm (5000 ppm for 6055) whichever value is lower. Gas/vapour filters should not be used to protect the wearers against gas or vapour that has poor warning properties (smell or taste).

- ☐ The 6300 half mask facepieces when used in conjunction with the 5925, 2125, or 2128 filters may be used in concentrations of particulates up to 12 times OEL.
- ☐ The 6300 half mask facepieces when used in conjunction with the 5935, 2135, 2136, or 2137 may be used in concentrations of particulates up to 50 times OEL.
- ☐ The 6300 half mask facepieces when used in conjunction with the 2128 and 2137 may be used to protect against ozone up to 10 times OEL and offer relief from nuisance odours below the OEL.
- ☐ The 6300 half mask facepieces when used in conjunction with the 2128 and 2136 may be used to offer relief from acid gases below the OEL.

## Cleaning and Storage

1. Cleaning is recommended after each use. Remove the gas/vapour and/or particulate filters.

2. Clean the facepiece (excluding filters) with 3M 105 face seal cleaners or by immersing in warm cleaning solution, water temperature not to exceed 50°C and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Rinse in fresh, warm water and air dry in a noncontaminated atmosphere.
4. Respirator components, especially exhalation valve and seat, should be inspected prior to each use. A respirator with any damaged or deteriorated components should be discarded.
5. The cleaned respirator should be stored away from contaminated areas when not in use.

## Standards

These products have been tested to the relevant European Standards (EN140, EN141, EN143)

## Materials

Facepiece -	Thermoplastic Elastomer
Head Harness -	Polyester / Cotton Elastic
Inhale Valve -	Natural Rubber
Exhale Valve -	Silicone Rubber
Gasket -	Silicone Rubber

## Use Limitations

1. These respirators do not supply oxygen. **Do not use in oxygen deficient atmospheres.**
2. Do not use for respiratory protection against atmospheric contaminants which have poor warning properties, are unknown or immediately dangerous to life and health against chemicals which generate high heats of reaction with chemical filters. (The 3M S-200 Supplied-Air Respirator can be used against contaminants with poor warning properties subject to other use limitations).
3. Do not modify or alter the device.
4. The assembled respirator may not provide a satisfactory face seal with certain physical characteristics (such as deep or large side burns) resulting in leakage between the facepiece and the face, the user assumes all risks of bodily injury which possibly result.
5. Do not use with unknown concentrations of contaminants.
6. Do not use for escape purposes.
7. Leave the work area immediately and check the integrity of the respirator and the facepiece and/or filters if:
  - i) Damage has occurred or is suspected
  - ii) Breathing becomes difficult or increased breathing resistance occurs.
  - iii) Dizziness or other distress occurs.
  - iv) You detect smell the contaminant or an irritation occurs.
8. Store the device in a sealed container away from contaminated areas when not in use.
9. Use strictly in accordance with face piece and instruction leaflet.