

**Technical  
Data Sheet  
Respire 4 - Silicone**



**Reusable  
Respirator  
Half Piece**

### **Key Features:**

- Smooth, soft, resilient silicone face seal for ultimate comfort and extended product life.
- Reusable, low maintenance half face respirator.
- Soft, lightweight elastomeric respirator ensures comfort during long periods of work.
- Flexible System (gas & vapour and/or particulate filters)
- Twin filter design provides lower breathing resistance, a more balanced fit, and improves field of vision.
- Cost effective replacement filters.
- Safe, secure Bayonet filter attachment system.
- Easy and secure fitting.
- 3 sizes (small – Respire 4, medium – Respire 4, large – Respire 4)

### **Respire 4 Protection**

The Respire 4 half mask is the next step forward in half mask technology from TSGC. Innovative design elements such as a reflex face seal, an easy-to-use leak check mechanism and goggle ‘pinch’ have been integrated into the Respire 4 Half mask, with user comfort and protection in mind. A wide range of filter options makes Respire 4 suitable for use in a variety of applications.

#### **REFLEX SEAL:**

- Unique among half masks, Respire 4 features a reflex seal around the chin area that flexes with wearer movement. This flexibility makes Respire 4 more comfortable to wear and provides for a secure fit on the face, while still being easy to clean.

#### **THE FIT:**

- Scientifically designed to fit a very high percentage of the global population in relation to different face shapes and sizes

#### **VOICE INTELLIGIBILITY:**

- A specially designed voice panel delivers enhanced voice intelligibility, enabling the wearer to be clearly heard by those around.

#### **FILTER OPTIONS:**

- Versions of Respire 4 half mask are available for use with the following filters:

- Respire 5 A1
- Respire 5 A1E1
- Respire 5 ABEK1

#### **READY TO GO SIZES AND PACKAGING:**

Respire 4 is available in three sizes and a variety of packaging types.

### **Applications:**

The Respire 4 series can be used with the following different filter options:

- Gas & Vapor filters: Respire 5 series filter options.
- Particulate filters: Respire 6 series filter options.
- Combination filters: Respire 6 series can be used in combination with Respire 5 using the Respire 7R retainer.



## USE INSTRUCTIONS & LIMITATIONS

### Important:

Before use, the wearer must read and understand these User Instructions. Keep these User Instructions for reference.

### Use For:

Respiratory protection from certain airborne contaminants. The product complies with the **Directive(s) and Standard under Directive PPE 89/686/EEC - (Article 10) / EN 140: 1998.**

### Do Not Use For:

Do not use for concentrations of contaminants which are immediately dangerous to life or health (IDLH), are unknown or when concentration exceeds 10 times the permissible exposure limit (PEL) in air purifying mode, 50 times PEL in supplied air mode or according to specific standards or applicable government regulations, whichever is lower.

### Use Instructions:

1. Failure to follow all instructions and limitations on the use of this respirator and/or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and may result in sickness or death.
2. Before occupational use of this respirator a written respiratory protection program must be implemented meeting all the local government requirements.
3. The airborne contaminants which can be dangerous to your health include those that are so small you may not be able to see or smell them.
4. Leave contaminated area immediately and contact supervisor if you smell or taste contaminants or if dizziness, irritation, or other distress occurs.
5. Store respirator away from contaminated areas when not in use.
6. Dispose of used product in accordance with applicable regulations.

### Use Limitations:

1. This respirator does not supply oxygen when used in air-purifying mode. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants are immediately dangerous to life or health (IDLH), are unknown or when concentrations exceed 10 times the permissible exposure limit (PEL) when used in air-purifying mode.
3. Do not alter, abuse or misuse this respirator.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the face seal of the respirator.

### Time Use Limitations:

1. If respirator becomes damaged, leave contaminated area immediately and repair or replace the respirator.
2. Replace filters in accordance with the filter Time Use Limitation. (See filter User Instructions.)
3. Replace cartridges in accordance with an established change schedule or earlier if smell, taste or irritation from contaminants is detected.

*Product Description:* **Respiratory Protective Devices (Category III)**

*Examined for compliance with:* **Directive PPE 89/686/EEC (Article 10)**

Model	Description
Respire 4	Half mask - Silicone facepiece, reusable, twin-filter configuration with adjustable head straps, shielded exhalation valve, size S, M, L

*Examined for compliance with:* **Directive PPE 89/686/EEC (Article 10)**

*Relevant Standard(s)/Technical Specification:*

**EN 149: 2001+A1:2009 - Filtering half masks to protect against particles**

*Technical file Reference No:* **CEC40098 – CR24586**

*Original date of issue:* **17th Dec, 2014**

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*Certificate No:* **CEC40098A4**

## StandardsMark Licence

Manufactured to:

### AS/NZS 1716:2012 - Respiratory protective devices

"the StandardsMark Licensee" the right to use the STANDARDSMARK as shown below only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to above as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.

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Respire 4	Half (1/2) facepiece-Reusable, Silicone facepiece, twin filter configuration, with adjustable head straps, shielded exhalation valve, S, M, L, Filter/Cartridge(Work) Gas or Vapour,15 Dec 2014
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Issued : 1 October 2015 Originally Certified : 16 December 2014

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## General Information Sheet

### Intended use

The TSGC Respire 4 Series Half face mask are EN 140: 1998 approved and design to help provide respiratory protection against certain airborne contaminants when used in accordance with the user instructions and applicable health and safety regulations.

### Warning

This respirator helps protect against certain airborne contaminants. Misuse may result in sickness or death. For proper use, see supervisor, or user instruction in bag or call TSGC Inc.

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**AS/NZS 1716:2012**