

# PROFILE<sup>2</sup>

QUESTIONS & ANSWERS



**tyco** / **SCOTT**<sup>®</sup>  
HEALTH & SAFETY

**Question:**  
What is Profile<sup>2</sup>?

**Answer:**  
Profile<sup>2</sup> is a twin-filter half mask respirator that uses the latest design technology to deliver an efficient fit without feeling tight or cumbersome on the face and a low profile to ensure compatibility with other PPE.

**Question:**  
How is Profile<sup>2</sup> different from other half masks?

**Answer:**  
The masks level of features for the price point is extremely favourable. Profile<sup>2</sup> is exceedingly comfortable, fast and intuitive to fit. The facepiece is lightweight and clear, making it feel less obtrusive to the user and easier to recognise when cleaning is necessary. The head cradle adjusts fully to ensure a comfortable fit for all head sizes, a feature not normally found at this price point. Scott's excellence in filter technology is also harnessed with a brand new range of Pro<sup>2</sup> filters covering a multitude of applications. Each filter comes with an innovative protective cover designed to maximise the filters life.

**Question:**  
What is the facepiece made of?

**Answer:**  
The facepiece is made from TPE, thermoplastic elastomer. This material is extremely soft, giving a comfortable fit even for long periods of use. It is also odourless, with no unpleasant smell of any description present.

**Question:**  
Will the material irritate my face?

**Answer:**  
No. The TPE facepiece is hypoallergenic. It is both silicone-free and latex-free, so it is most unlikely to cause any sort of skin reaction.

**Question:**  
Is there a choice of sizes?

**Answer:**  
Yes. Profile<sup>2</sup> is offered in three sizes, S, M and L. The size is marked under the chin cup. Scott can provide a sizing calliper to give an estimation of the likely size required.

**Question:**  
How do I know I have the right size?

**Answer:**  
Before you wear the mask in a hazardous area you should put it on in a clean area and check that it seals properly. First of all make sure it is comfortable. If it is not, try another size. Once you have the mask on and it is comfortable, there are two ways to check the seal:

1. Cover the exhale valve grille in the centre of the mask with your hand. Breathe out gently and you will feel a slight overpressure in the facepiece. There should be no obvious outward leakage around the face seal.
2. Cover the inlet grilles on the filters with your hands. Breathe in sharply and the facepiece should collapse slightly against your face.

If the mask does not seal properly re-adjust the head strap and try again. If you cannot get a seal try another size.

**Question:**  
How do I fit the filters?

**Answer:**  
Line up the straight and angled slots on the filter with the corresponding bayonets on the facepiece. Push the filter on and turn it clockwise a quarter turn (90°) There are arrows on the filter lid and mask that will line up when the filter is in place.

**Question:**  
Do I have to put my hand inside the facepiece when I fit and remove the filters?

**Answer:**  
No. You can hold the filter dock between thumb and fingers on the outside of the facepiece.

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**Question:**

How do I fit the mask?

**Answer:**

1. Have roughly equal lengths of the elastic straps above and below the zig-zag strap grip, with the neck buckle unfastened.
2. Put your chin in the chin-cup and hold the mask over your nose.
3. Pass the head harness cradle over your head with the adjustable half on top. The mask will now stay on your face while you adjust the length of elastic strap at the cradle buckles. You can achieve an efficient fit without the straps feeling tight.
4. Pass the lower straps around your neck and fasten the buckle by looping one half through the other. Adjust the straps, if necessary, for a comfortable and secure fit.

**Question:**

What if the head cradle is not comfortable?

**Answer:**

The head cradle can be adjusted to suit the majority of head sizes. This feature also ensures comfort is maintained should there be a need to wear a bumpcap, a safety helmet or ear defenders.

**Question:**

How do I remove the mask?

**Answer:**

Simply lift the cradle forward off your head and the mask will drop to your chest, then unfasten the neck buckle.

**Question:**

Can I hang the mask round my neck, ready to fit?

**Answer:**

If you just fasten the neck buckle, the mask will hang upside down on your chest, with the inside of the facepiece facing outwards so that it is not contaminated by work clothes. This is called the 'rest' position. When you want to fit the mask simply pass the cradle up over your head. Scott recommends that masks are stored in the bag provided and kept in a clean area in between uses.

**Question:**

Why do the filters have covers?

**Answer:**

The filter covers protect the filters from sparks, splashes and contaminants. In very dusty environments they prevent the filter from becoming clogged prematurely by the larger particles. They are designed to help you get the best value from your filters.

**Question:**

Why are the inlet grilles on the filters swept back?

**Answer:**

So that the air is taken in from as far away from the work area as possible, again to potentially extend filter life. The swept back design also allows the mask to be used in conjunction with face screens and visors.

**Question:**

Why is the facepiece clear?

**Answer:**

So that the mask is less obtrusive on the face and easier to see that cleaning is required.

**Question:**

Why are the valves so large?

**Answer:**

Large diameter valves give very low breathing resistance, both on inhalation and exhalation, which has a number of benefits:

1. The mask is very comfortable to work in, even during physically demanding work, as there is very little restriction to breathing.
2. The mask is more efficient as the lack of resistance when you breathe in means it is much less likely to leak unfiltered air in around the face seal.
3. The lack of resistance when you breathe out means the warm and moist exhaled air is expelled rapidly, avoiding any hot 'clammy' feeling inside the facepiece.

**Question:**

Is the mask still comfortable in hot or humid environments?

**Answer:**

Yes. As well as the large diameter valves, the mask has a drainage point in the chin-cup, so any perspiration is channelled away.

**Question:**

What if I need to talk to workmates?

**Answer:**

You do not need to remove the mask. The central exhalation valve and grille provide efficient and audible speech transmission.

**Question:**

Is Profile<sup>2</sup> suitable for use in spray painting areas?

**Answer:**

Yes. The facepiece is silicone-free. The only silicone component is the exhale valve disc. This remains behind the grille so there is no possibility of direct contact with hands or other surfaces and the disc moulding method prevents any vapour release.

**Question:**

Can I wear spectacles or goggles with Profile<sup>2</sup>?

**Answer:**

Yes. The facepiece seals efficiently without the nosebridge being high up on the nose, so it will not interfere with spectacles or goggles.

**Question:**

Is there a wide range of filters available?

**Answer:**

Yes. The Pro<sup>2</sup> range of cartridges includes particle, gas and combined filters for numerous applications.

**Question:**

Are the filters economical?

**Answer:**

Yes. In fact the whole Profile<sup>2</sup> and Pro<sup>2</sup> range has very low through-life costs, whether you compare it with disposable, low maintenance or other re-useable respirators.

**Question:**

Is Profile<sup>2</sup> easy to maintain?

**Answer:**

Yes. It is washable and has a small number of components, so it is simple to clean, inspect and maintain.

**Question:**

How should I store the mask?

**Answer:**

Profile<sup>2</sup> comes complete with an individual hygiene storage bag on which a user can write their name. Once cleaned and dry, the mask should be sealed in this bag and stored in a clean environment.

**Question:**

How do I select the right model?

**Answer:**

Scott Health & Safety can provide guidance on the selection of the correct size of mask and the most appropriate filters for your applications. Profile<sup>2</sup> is available from your safety equipment supplier as the mask only, with all Pro<sup>2</sup> cartridges supplied in pairs, or as a 'Ready-Pak', in which a mask is supplied with a pair of filters fitted, ready for use.

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Distributor

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