



TS01 Half Mask Respirator

PRODUCT DESCRIPTION

The new TS01 is a lightweight, reusable half mask with a built-in fit checker so users can rapidly determine whether they have a proper face seal. Available safety orange to stand out in the workplace. The TS01 can be paired with Y Serie filters.

APPLICATION

The TS01, when paired with the YP3 filter is ideal for dusty environments or anywhere hazardous particulates are present such as concrete cutting, woodworking, and construction, medical facilities. When paired with the combination YABEK1P3 filter, the mask is suitable for use with a wide array of chemicals and can be used for paint spraying, pesticide spraying, chemical handling and more. The TS01 is designed for use to filter contaminants from the air where oxygen levels are >19.5%.

KEY FEATURES

Orange colour	Increased safety as people become aware that respirators are being worn in the area.
Ultra lightweight	<115g
Built-in fit checker	Easily check that you have a proper face seal before entering the hazard zone.
Drop Down Head Harness	No need to remove hard hats when lowering or raising the mask
No metal parts	Better for the environment
Single twist-lock filters	A single high-capacity filter means fewer parts to maintain.

TECHNICAL DATA





Material	TPE facepiece
Sizes	Medium and Large
Connector	Twist-Lock
Weight	Approx. 115g (without filters)
Approvals	EN 140:1998 AS/NZS 1716:2012



PARTS LIST

Product Name	Item No.	Packing Unit
Shigematsu TS01 Orange (M)	STS40163	1pc / pack
Shigematsu TS01 Orange (L)	STS40164	1pc / pack
Exhalation Valves	STS50010	5pcs / pack
Exhalation Valve Cover (Orange)	STS41479	1pcs / pack
Inhalation Valves	STS50128	5pcs / pack
Head Harness (Orange)	STS41427	5pcs / pack
Gasket	STS50418	10pc / pack

COMPATIBLE FILTERS

Type	Product Name	Pic.	Dia (mm)	Height (mm)	Weight (g)	Filter Type	Colour Code	Packing Units	Item No.
Particulate	YP3R		97	40	≤45	P3R		10 pcs / box	STS40354
Combined Filters	YABEK1P4R		102	67	≤ 250	A1 B1 E1 K1 P3		30 pcs / box	STS40270

FILTER SELECTION

It is important that you select the correct filter to protect you from the hazards that are present. You will need to complete a risk assessment to determine:

1. What hazards are present (Particulates, gases/vapours, oxygen deficiency, or a combination)
2. If the hazard includes gases or vapours you will need to know the type or chemical that is creating these. Check the Label or SDS of the chemicals you're working with.
3. Concentration levels. You may need to contact an Occupational Hygienist to determine this, especially if you're working in confined or enclosed spaces.
4. Use the [STS Filter Selection Guide](#) or speak to a Health and Safety professional to determine the best filter for the job.

FIT TESTING:

Ensuring your respirator is properly fitted to your face is not just best practice, it is a requirement of AS/NZS 1715:2009. There are two main methods of fit testing, qualitative and quantitative. Fit testing should be carried out before you use your respirator and repeated at least annually or if you've had a significant change to your facial features, for example, significant weight loss or gain. pH7 offers both qualitative and quantitative fit testing. To enquire call 0800 323 223 or email fittest@ph7.co.nz

The Synch11VP3 is a powered air-purifying respirator that ensures positive pressure inside the mask. However, because the mask is also able to operate as a negative pressure mask if the battery is removed or flat, we recommend you get fit tested.

PRE-USE CHECK:

Before wearing your respiratory it's important that you:

1. Visually inspect the mask and filters for damage including, cracking, discolouration, tearing, and deformation.
2. Replace any worn or damaged parts.
3. Complete a negative pressure fit check by donning the respirator, covering the filters with the palms of your hand and inhaling. Check that no air gets in around the face seal. The mask should collapse slightly.
4. Complete a positive pressure fit check by placing the palm of your hand over the exhalation valve and gently exhaling. Check that air doesn't escape from the face seal. The masks should bulge slightly.