

PRODUCT CODE: CST1006

PRODUCT NAME: CleanSpace™ CST TM3ABEK1 P R SL Combined Filter



#### Description

CleanSpace CST TM3ABEK1 P R SL Combined Filters are suitable for protection against airborne particulates (dust, mists and fumes), organic and inorganic gases or vapours, solvents ammonia and sulphur dioxide (boiling point > 65°C).

CleanSpace CST Combined Filters are compact. They clip easily and directly into the CleanSpace PRO Power Unit (CST1002) and CleanSpace ULTRA Power Unit (CST1012). No adaptor is required.

CleanSpace CST filters are enabled to collect filter usage data which can be accessed by the CleanSpace Smart App.

**IMPORTANT:** When selecting a CleanSpace filter please consult a Health and Safety specialist for advice on the appropriate respiratory equipment and filter use.

#### Approvals

##### Standard & Classification

EN 12942:1998+A2:2008      TM3ABEK1 P R SL

#### Features

- Convenient to use
  - Filter and filter cover integrated into a single item
  - Easy to fit and remove from the power unit using snap in/snap out clips
  - No requirement for a filter adaptor
- Optimal Filter usage target is assisted by AirSensit™ Technology
- Fitted with a near-field communication chip
  - Collects and transfers filter usage data to the CleanSpace Smart App via the power unit firmware
  - Absence of a filter and chip in correct working position will trigger an alarm in the power unit. The CleanSpace Smart App displays a notification if it is being used during this time
  - Detection of filter being used past the filter expiry date triggers an alarm in the power unit. The CleanSpace Smart App displays a notification if it is being used during this time

#### Specifications

- Product weight: 187 g
- Product dimensions: 140mm x 55mm x 57mm

#### Materials

Borosilicate microfibre filter media | Activated Carbon | ABS (acrylonitrile butadiene styrene) Plastic Casing | Silicone Seal

#### Use & Storage Conditions

- Use temperature range: -10°C to +45°C (14°F to +113°F) at < 90% relative humidity
- Storage conditions: +10°C to +30°C (+50°F to +86°F) at < 75% relative humidity
- Store away from direct sunlight, grease and oil
- Packaged Shelf life: 5 years from manufacturing date

#### Applications

**Examples:** Mining, Welding, Manufacturing, Smelting, Construction, Recycling Plants, Emergency Service, Agriculture, Processing Plants, Grinding.

Refer to [Filter Selection Table](#) for more detail.



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### DATA SHEET

#### Limitations

CleanSpace respirators are air filtering, fan assisted, positive pressure systems and designed to be worn in environments where there is sufficient oxygen to breathe safely. Do not use CleanSpace respirators in *immediately dangerous to life or health* (IDLH) atmospheres, to protect against gases/vapours that cannot be filtered or in oxygen enriched or deficient atmospheres. These filters are not waterproof and should be replaced if they come into contact with water.

#### Education

Contact [sales@cleanspacetechnology.com](mailto:sales@cleanspacetechnology.com) or refer to [CleanSpace website](#) for details.

#### Warranty

Visit <https://cleanspacetechnology.com/warranty/> to read important Warranty information and complete the Warranty Registration Online Form for CleanSpace Products. Consumable parts are warranted up to the point of use, provided they have been stored correctly and are within their expiry date.

CleanSpace recommends filters are replaced regularly.

