

▶ ST85

Half mask for respiratory protection Rd40



RD 40mm EN148-1 universal filters



The **RD40 EN148-1** filters, light and efficient, have an RD40 connector (standardized DIN thread of 40mm).

They are compatible with half-masks and full-face masks standardized to EN148-1 (all brands).

A very wide range of filter cartridges ranging from P3 filters (solid particles and aerosols) to ABEK2Hg-P3 filters (maximum chemical risks) including the REACTOR filters.

Filter type		Reference
Particulate filters	P3	124150000
Gas filters	A2	124200000
	AX	124430000
	K2	124210000
	A2B2	123200000
	A2B2E2K2	123200000
Combined filters	A2-P3	124420000
	AX-P3	124550000
	A2B2-P3	123320000
	A2-P3 REACTOR	124740000
Description		Reference
Half mask for respiratory protection ST85 (One size)		111200000

Product description

The **ST85** is a **half mask for professional respiratory protection**, durable and decontaminable with a 40mm threaded front connector in compliance with the EN148-1 standard, compatible with all RD DIN40 filter cartridges on the market. It is ideal for the protection of operators handling harmful substances, paints, solvents and dusts.

The major advantage of the **ST85 half mask** is its ease of use. The quick-donning headgear keeps the mask comfortably in place. The four quick-adjust buckles allow the half mask to easily fit the user's face. The anatomically shaped EPDM face piece is soft and comfortable to wear, yet robust.

The **ST85 half mask respiratory protection** complies with the requirements of the European standard EN140:1998. It is CE marked and classified as personal protective equipment of Category 3.

Technical specifications

Type: Single filter Rd40 (40 mm universal thread), EN148-1 compliant

Weight: 120 grams

Materials:

- Half skirt: EPDM
- Flange set: Elastic band
- Nuchal arch: Molded polypropylene
- Exhalation valve: Rubber diaphragm on a plastic support and protected by a snap cover
- Bayonet fasteners: Impact and solvent resistant plastic

Respiratory resistance (test at 160 l/min):

- Inhalation: 1.2 mbar
- Exhalation: 1.7 mbar

Certifications:

- EN140:1998 (minimum requirements for half masks and quarter masks)
- Regulation (EU) 2016/425 on personal protective equipment

▶ **Limitations of use:**

- Half masks (like all air purifying respiratory protection devices) cannot be used in environments where the oxygen concentration is less than 17% by volume.
- The ST85 half mask can only be used with filters weighing less than 300 g.