



CHEMICAL

ESCAPE HOOD



SAVING LIVES

OUR MISSION: SAVING LIVES

Our customers are not like other customers. At least their jobs aren't. Our customers' workplaces are often the complete opposite of a nice and cosy office, with a pleasant indoor climate, a comfortable office chair to sit on and coffee within arm's reach. Our customers spend their working days on oil platforms, alongside roads, in ports and in heavy industry. Often the environments are full of risks and the jobs are demanding, sometimes even highly dangerous.

Our mission is to make sure that they come home to their loved ones – every day. This is our reason for being and this is what drives us to go to work every morning. We're not sure if safety is in our genes or if it's developed

because of Scandinavia's harsh climate, but safety has always been important in Sweden. Perhaps this is most evident in Swedish industry, which includes Volvo with its safe cars and Autoliv, the world's leading automotive safety supplier.

TST Sweden's motto is saving lives. This is not only our duty, it also makes us feel good. It would be difficult to find anything more meaningful to spend our time on.



Jörgen Lillieroth, Founder and Managing Director, TST Sweden

SAFE IN 20 SECONDS

TST Escape Hoods can be the difference between life and death in the event of gas leaks or chemical emissions. They are very efficient and easy to put on. No adjustments are required and there is no need for practice or education. Our escape hoods cover the whole head and protect face, ears and hair from chemicals and particles. They work with glasses and are a better choice than full face mask for users with beard.

- Twin exhaust valves ensure low respiratory resistance
- Large sieve opening gives very good visibility.
- Can be used again, after inspection and filter change by TST
- CE approved as half mask according to EN140, with additional requirements from EN403 relevant for use as Escape Hood

EASY TO USE



CARRYING BAG - EASY TO BRING ALONG



Our Escape Hoods come with a soft carrying bag. The bag is very important as it makes the hood easy to bring, when working in risk environments.

The bag is very compact and made in a water resistant, strong and durable material. It has a waterproof zipper, for easy opening. In the rear, there is a pocket for filter date, name or a safety card. The bag can be worn on a belt, carried over the shoulder or round the waist. It also has brackets for wall mount.

58 MIN. PROTECTION H₂S 10000 PPM

On customer request, the TST Xtreme Hood has been tested for H₂S in higher concentrations. Break-through time for 10,000 ppm was 58 minutes and for 20,000 ppm was 24 minutes.

XTREME HOOD

The Xtreme Hood is developed to exceed all demands for escape hoods and is highly recommended for concentrations above 1000 ppm (parts per million). The hood's extremely low leakage, combined with the high class filter, gives significantly longer action time or protection for higher concentrations of dangerous substances. The hood is made of a high visibility material. The visibility is furthermore enhanced by reflective stripes. The seal around the neck is made of a special silicone which gives a very effective seal, but the hood is yet comfortable to wear.

- Extremely low leakage. Test average in breathing zone is 0.06%, where 5% is the limit. In ocular zone it is 0.6%, where 20% is the limit.
- High level filter withstands 5.000 ppm. Hood norm is 1.000 ppm.
- Shelf life of the Xtreme hood filter is 10 years.



	ART. NO.
One size Hood complete with combination filter A2B2E2K2P3 and carrying bag.	7012P50022

REPLACEMENT FILTERS	ART. NO.
REPLACEMENT FILTER A2B2E2K2P3	7015000 7220

TECHNICAL SPECIFICATIONS

SHELF LIFE FILTER	10 years in unopened foil package
FILTER TYPE	A2B2E2K2P3 Combination filter
MATERIAL	67%polyester, 33% cotton
COATING	PVC
SEAMS	Welded (no seams)
INNER MASK	Silicone rubber
VISOR	Anti fog treated
SIZE CARRYING BAG	Approx. 26x16x10 cm
WEIGHT	Approx. 640 g.

WASHING INSTRUCTION	Not washable but can be wiped with a damp cloth.
SIZES	One size fits all adults. (Not children)
TEMP RANGE	-30 to +80
BREAK-THROUGH TIMES FILTER	EN14387:2002
APPROVED:	Approved as half mask according to EN140, with additional requirements from EN403 relevant for use as Escape Hood.

ESCAPE HOOD

SHELF LIFE
5
YEARS



The unique design makes the hood comfortable to wear and easy to put on. It is, without any adjustments, ready to put on and use. The half-mask inside is made of silicone. The neck cuff is designed for the closest possible fit and maximum elasticity. The hood is available with two different types of filter (additional filter alternatives are available on request.) The hood is made of durable material.

- Extremely low leakage. Test average in breathing zone is 1.26%, where 5% is the limit. In ocular zone it is 3.15%, where 20% is the limit.
- High level filter withstands 5.000 ppm. Hood norm is 1.000 ppm.

	ART. NO.
One size Hood with ammonia filter K2.	7012P10024
One size Hood with combination filter A2B2E2K2	7012P10025

REPLACEMENT FILTERS	ART. NO.
AMMONIA FILTER K2	7015000 7240
COMBINATION FILTER A2B2E2K2	7015000 7250

TECHNICAL SPECIFICATIONS

SHELF LIFE FILTER	5 years in unopened foil package
FILTER TYPE	K2 Ammonia filter, A2B2E2K2 Combination filter
MATERIAL	Polyester
COATING	Polyurethane
SEAMS	Taped seams
INNER MASK	Silicone rubber
VISOR	Anti fog treated
SIZE CARRYING BAG	Approx. 26x16x10 cm
WEIGHT	Approx. 550 g. Depending of type of filter

WASHING INSTRUCTION	Not washable but can be wiped with a damp cloth.
SIZES	One size fits all adults. (Not children)
TEMP RANGE	-30 to +80
BREAK-THROUGH TIMES FILTER	EN14387:2002
APPROVED:	Approved as half mask according to EN140, with additional requirements from EN403:2004 relevant for use as Escape Hood

FILTER INFORMATION

HIGHER PROTECTION LEVEL

Our Escape Hoods exceeds the requirements for escape hoods with great margin. We use class 2 filters and give the user a higher level of protection, or longer action time. See the table below for the stipulated break through times for filters, in concentrations as high as 5.000 ppm. (Hood norm stipulates only 1.000 ppm). On customer request, the TST Xtreme Hood has been tested for H₂S in higher concentrations. Break-through time for 10.000 ppm was 58 minutes and for 20,000 ppm was 24 minutes.



SHELF LIFE



The filter may be stored for 5 years (Escape Hood) and 10 years (Escape Hood Xtreme) in an unopened foil package. The packing date, and the "best before date" are stated on a label outside the foil packaging. When the date has expired, or the foil package has been opened, the hood must be inspected and the filter replaced. Contact an authorized TST Sweden Distributor for help and guidance.

REPLACEMENT FILTERS

ESCAPE HOOD	
	ART. NO.
AMMONIA FILTER K2	7015000 7240
COMBINATION FILTER A2B2E2K2	7015000 7250

XTREME HOOD	
	ART. NO.
REPLACEMENT FILTER A2B2E2K2P3	7015000 7220

STIPULATED BREAK-THROUGH TIMES FOR FILTERS, ACCORDING TO EN 14387:2002

FILTER TYPE	CHEMICAL SUBSTANCE	CONCENTRATION (PPM)	TIME (MINUTES)
A2	CYCLOHEXANE (C ₆ H ₁₂)	5000	35
B2	CHLORINE (Cl ₂)	5000	20
	HYDROGEN SULFIDE (H ₂ S)	5000	40
	HYDROGEN CYANIDE (HCN)	5000	25
E2	SULFUR DIOXIDE (SO ₂)	5000	20
K2	AMMONIA (NH ₃)	5000	40

EXPLANATION FILTER CODING

FILTER TYPE	COLOUR CODE	PROTECTS FROM
A	BROWN ●	Organic gases w boilingpoint >65 °C/150 °F
B	GREY ●	Inorganic gases and vapours
E	YELLOW ●	Sulphur dioxide (SO ₂)
K	GREEN ●	Ammonia (NH ₃)
P	WHITE ○	Particles



SAVING LIVES

OUR VALUES

TRUSTWORTHINESS

Through our actions and our products we shall instil a high level of confidence in our customers, suppliers and business partners.

LONG-TERM APPROACH

In our internal and external relationships, we shall be considered a long-term partner. Our products shall be developed and marketed with a long-term profile, where we want to see customers and suppliers staying with us year after year.

DEVELOPMENTAL

By continuously developing our products and working on innovative new solutions, we will bring products to the market that are of the highest class. Collaborations with universities and suppliers at the forefront of textile materials and treatments are a matter of course for us.

SEGLORAVÄGEN 22 SE-504 64 BORÅS SWEDEN
TEL +46 320 20 58 80
WWW.TST-SWEDEN.COM