



Feel Free TO BREATHE

Product catalogue RSG Safety



About RSG

A Dutch Manufacturer Specialist
of Respiratory Protective Equipment.



MADE IN THE NETHERLANDS

RSG Safety strives for continuous international growth, product improvement and development of the RSG branded product range through extensive research and customer feedback. Our R&D team and production facility based in Venlo, the Netherlands is dedicated to keep improving our product range taking in mind the safety and comfort of the user as well as the environment in which we live in. It is our aim to produce >75% of our product range in the Netherlands (Europe) to reduce our Carbon footprint (<CO2) and to contribute to a more sustainable, local production process.

HIGH QUALITY

RSG Safety BV has been ISO 9001 and 14001 certified for many years, which was a natural step in our quality development. Our certification is a guarantee of a high quality product that meets the requirements you can expect as a customer. All our products meet the latest EN standards and are tested and certified by renowned accredited notified bodies in Europe such as DEKRA Testing and Certification GmbH Notified Body number 0158 and APAVE Exploitation France Notified Body number 0082. Our quality assurance system is certified and audited annually by DEKRA according to Module D of the PPE Regulation EU 2016/425.

RSG Safety protects people all over the world from contaminated air as it is our aim to always design and manufacture the best and most comfortable respiratory protection equipment for the workplace.

Over the years we have invested major resources in the development and production of user-friendly and individually adapted respiratory protection equipment of the highest quality and at a compatible price level.

SUSTAINABLE DEVELOPMENT

Last but not least RSG Safety has embedded Corporate Social Responsibility and concern for the three associated pillars; People, Planet and Profit in its company policy in accordance to ISO 26000. This means that we pay continuous attention to the safety, health and well-being of our employees and the people directly and indirectly involved in our company. We minimise the environmental impact of our business activities by reducing CO2 emissions and investing in the development of sustainable(er) products, among other things. We are convinced that this leads to healthy and sustainable business operations.



For more information please
visit www.rsgsafety.com.



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Respiratory protection

Feel free to breathe with our respiratory protection equipment.

RSG Safety offers top-quality Respiratory Protective Equipment designed to meet the demands of a wide range of workplace environments. From asbestos removal and petrochemical plants to the agricultural sector, we provide the most effective and comfortable solutions to ensure your safety and well-being.



Disposable masks

RSG Maintenance Free Disposable Masks Easily applied cup shaped and flat fold styled maintenance free disposable respirators.

RSG's single use disposable face masks are available with and without exhalation valve. The RSG filtering face pieces and particulate respirators meet the European Standard EN149:2001 + A1:2009 in FFP1, FFP2 and FFP3 classes of particulate filter efficiency. RSG maintenance free single use filtering respirators provide cost effective respiratory protection in hazardous workplaces and laboratories across a wide range of industries. Good to know: All our masks have a nose clip for safe sealing.



Choose the right disposable mask

Selecting the appropriate respiratory protective equipment can be a challenge with so many factors to consider. With our simple selection system it is easy to make sure the disposable mask you choose offers the correct level of protection and comfort required.

Feel free to breathe through a simple 1, 2, 3 selection

1. Which protection factor suits your needs?
2. Choose a valved or unvalved respirator
3. What style?

Read more on our website:



Particulate Respirator Options		FFP1		FFP2		FFP3	
Protection factor*		APF** 4		APF 10		APF 20	
		NPF*** 4		NPF 12		NPF 50	
		Unvalved	Valved	Unvalved	Valved	Unvalved	Valved
MISTRAL Series	<i>Flat-Fold</i>	202410	202415	202420	202425	202430	202435
C Series	<i>Cup-shaped</i>	200210	-	-	200225	-	200230
FS Series	<i>Flat-Fold</i>	209210	-	209220	209225 209227*	-	209235
F Series	<i>Flat-Fold</i>	-	-	-	200528* 200529*	-	-

* Protection against fine dust/oil or water based mists. Options for metal fume, ozone and nuisance levels of certain gases and vapours dependent on model.

**Assigned Protection Factor (HSE)

***Nominal Protection Factor (EN Standard)

RSG Mistral series

The Mistral Series delivers high-quality, disposable respiratory protection with a sleek flat-fold design that's easy to apply and store. Manufactured in the Netherlands using only raw materials sourced from Europe, these single-use face masks are available with or without an exhalation valve, offering reliable performance and comfort in any setting.

- Made in the Netherlands
- Sustainable. Low CO2 footprint
- Only local (EU) raw materials
- Flat, fold design enables product to be easily stored
- Transparent, colored Valve for easy recognition and safety
- Adjustable, latex free headband straps
- Unique RSG valve with low breathing resistance
- Minimizes the risk of misting eyewear



FFP1

Part # 202410 / 202415
EN 149:2001+A1:2009
FFP1 NR D NPF 4 (APF 4)
MOQ 240 / 180



FFP2

Part # 202420 / 202425
EN 149:2001+A1:2009
FFP2 NR D NPF 12 (APF 10)
MOQ 240 / 180



FFP3

Part # 202430 / 202435
EN 149:2001+A1:2009
FFP3 NR D NPF 50 (APF 20)
MOQ 240 / 180



MADE in Holland

Did you know that we manufacture our Mistral masks in-house at our headquarters in Venlo, the Netherlands? We design solutions with both the user and the environment in mind. Are you looking for more sustainable products and production? Please do not hesitate to contact: sales@rsgsafety.com. Watch the video and discover more about our product development process here:



C series

The RSG C Series offers reliable respiratory protection with a comfortable convex shape, secure nose clip, and adjustable twin strap design for a snug, all-day fit. Designed for comfort and durability, these unvalved masks feature a lightweight, off-the-face construction and a strong, collapse-resistant inner shell.

- Comfortable convex shape with ergonomic design
- Unvalved for simple, effective protection
- Nose clip ensures a secure, customized fit
- Adjustable, latex-free twin strap headbands
- Lightweight, off-the-face design for easy breathing
- Durable, collapse-resistant inner shell



FFP1 NR D
Part # 200210
EN 149:2001+A1:2009
FFP1 NR D NPF 4 (APF 4)
MOQ 400



FFP2 NR D VALVED
Part # 200225
EN 149:2001+A1:2009
FFP2 NR D NPF 12 (APF 10)
MOQ 240



FFP3 NR D VALVED
Part # 200230
EN 149:2001+A1:2009
FFP3 NR D NPF 50 (APF 20)
MOQ 60



FS series

With best-in-class filtration and low breathing resistance, the FreeStyle Series is built for performance and comfort. Its collapse-resistant structure makes it perfect for warm and humid environments, while the soft foam interior and special nose liner ensure a secure, comfortable fit for all face shapes.

- Flat-Fold - Easy to store when not in use
- Individually wrapped - hygienic, protects the respirator from contamination before use
- Low breathing resistance with high filtration capacity
- Collapse resistant - ideal for work in warm and humid environments
- Soft foaming inside - comfortable on the skin
- Special design nose liner - flexible even after prolonged usage and fits any nose shape or size



FFP2 NR D V
Part # 209225
EN 149:2001+A1:2009
FFP2 NR D NPF 4 (APF 4)
MOQ 240



FFP2 AC NR D VALVED
Part # 209227
EN 149:2001+A1:2009
FFP2 NR D NPF 12 (APF 10)
MOQ 240



FFP3 NR D VALVED
Part # 209235
EN 149:2001+A1:2009
FFP3 NR D NPF 50 (APF 20)
MOQ 240

F series

The RSG F Series combines smart design with enhanced protection for professional use. Featuring activated carbon for protection against vapours below OEL values, these respirators are ideal for various workplace environments. The flat, foldable design allows for easy storage, while the transparent, colored valve ensures quick recognition and added safety. The grey coloured outer shell is made from flame retardant material.

- Activated carbon for protection against vapours below OEL value
- Flat, fold design for easy storage and portability
- Transparent, colored valve for quick recognition and added safety
- Exhalation valve for low breathing resistance
- Minimizes the risk of misting eyewear
- Adjustable, latex-free headband straps for a secure, comfortable fit
- Blue / Grey color protects against dirt



FFP2 NR D OV VALVED
Part # 200528
EN 149:2001+A1:2009
FFP2 NR D NPF 4 (APF 4)
MOQ 240



FFP2 NR D OV FR WELDING VALVED
Part # 200529
EN 149:2001+A1:2009
FFP2 NR D NPF 12 (APF 10)
MOQ 240

Half face masks

Half masks are respiratory protection masks that can be used in combination with gas and particulate filters.

Depending on your choice of filter, they can offer protection against harmful substances such as dust, aerosols, gases and/or vapours. The masks cover the mouth and nose. In comparison to full masks, half mask respirators are relatively lightweight and compact. They can be used for a range of applications requiring gas and particulate filters.



Wearing comfort

In order that masks are worn consistently and willingly by users, it is important to choose models with a high degree of wearing comfort. Like all RSG filter masks, our half masks are designed to maintain a secure, comfortable fit for the duration of use, even over lengthy periods. The fit is ensured, among other things, by an anatomically designed sealing lip made from soft, skin-friendly material.

Cleaning

To ensure the functionality and cleanliness of half masks, they should ideally be cleaned after every use. A disinfecting cloth or similar can be used to do this. Once this has been carried out, the filter masks should be stored in a sealed container with as high a degree of airtightness as possible. A storage bucket is ideal for this purpose. The name and the date of the last filter change can be recorded on the outside of the bucket for convenience.

Filters 200 series



Filters 300 series



*For more information on RSG filters see page 26.

200 series

The RSG 200 Series half mask is made of TPE and is available in three sizes, S, M and L. The mask is extremely light and comfortable equipped with an exhalation valve, which ensures low exhalation resistance. The valve cover effectively protect the exhalation membrane against dust and paint mist. The easily adjustable elastic head harness straps of the mask contributes towards a comfortable and safe fit. The mask is used in combination with the filter cartridges from the RSG 200 Series range. Optionally stored in a plastic box.



200 SERIES HALF MASK

Part # 30030X

EN 140
NPF 48 (P3), 50 (GasX), 48 (GasX P3)
APF 20 (P3), 10 (GasX), 10 (GasX P3)
MOQ 1

300 series

The RSG 300 Series half mask are made of silicone (blue) or neoprene (black) and available in three sizes, S, M and L. The mask is equipped with an exhalation valve, which ensures low exhalation resistance. The valve cover effectively protects the exhalation membrane against dust and paint mist. The material and pigment of the mask body minimizes the risk of contact allergies. The easily adjustable elastic head harness straps of the mask contributes towards a comfortable and safe fit. The mask is used in combination with the filter cartridges from the RSG 300 Series range. Optionally stored in a plastic box.



300 S SERIES HALF MASK

Part # 30010X

EN 140
NPF 48 (P3), 50 (GasX P3), 48 (GasX P3)
APF 20 (P3), 10 (GasX P3), 10 (GasX P3)
MOQ 1

300 E SERIES HALF MASK

Part # 30020X

EN 140
NPF 48 (P3), 50 (GasX P3), 48 (GasX P3)
APF 20 (P3), 10 (GasX P3), 10 (GasX P3)
MOQ 1

Full face masks

Full Face respirators feature respiratory and eye protection at the same time.

Our Full Face masks are available as single-filter or twin-filter respirators and can be combined with the broad filter range as well as with our T-Air PAPR or continuous flow airline respirators. They are used e.g. for handling of chemicals, in agriculture, automotive industry and many more.



400 series

The RSG 400 Series Full Face Mask offers reliable respiratory protection with a comfortable, secure fit. Made from durable silicone (blue) or neoprene (black), it features a large field of vision, efficient ventilation, and a one-size-fits-all design. The 5-point harness ensures stability, while the DIN40 filter port allows for versatile use across various industrial applications. Safe, adaptable, and easy to wear all day—the RSG 400 is built for professionals who depend on their gear.



400 S SERIES FULL FACE MASK

Part # 400101 / 400111*
 EN 136 (Class 2) / EN12942
 NPF 1000 (P3 & GasXP3), 2000 (GasX)
 APF 40 (P3), 20 (GasX & GasXP3)
 MOQ 1



400 E SERIES FULL FACE MASK

Part # 400201 / 400211*
 EN 136 (Class 2) / EN12942
 NPF 1000 (P3 & GasXP3), 2000 (GasX)
 APF 40 (P3), 20 (GasX & GasXP3)
 MOQ 1

*View Tec

Crystal-clear protection. Built to last. View Tec is a high-performance UV-curable hard coat designed to protect visors while maintaining exceptional clarity. Engineered for demanding environments, it offers outstanding resistance to chemicals, scratches, and everyday wear. With an ultra-low surface energy, View Tec repels dirt and contaminants - making cleaning effortless and keeping your vision clear. Durable, transparent, and easy to maintain, View Tec sets a new standard for protective coatings. This coating is applied to # 400111 and 400211.

500 series

The RSG 500 Series is a full face mask made from high-quality TPE or silicone, it offers a secure fit for all face shapes with its one-size-fits-all design. The wide field of vision enhances situational awareness, while the 5-point harness ensures stability even during extended use. Equipped with a DIN 40 filter port, the RSG 500 Series is also available in a twin-port configuration (300 Series), providing flexible protection options to suit a variety of industrial environments. Whether you're facing hazardous particles or chemical exposure, the RSG 500 Series delivers reliable, breathable protection—day in and day out.



500 S SERIES FULL FACE MASK

Part # 400501
 EN 136 (Class 2) / EN 12942:2024
 NPF 1000 (P3 & GasXP3), 2000 (GasX)
 APF 40 (P3), 20 (GasX & GasXP3)
 MOQ 1



500 E SERIES FULL FACE MASK

Part # 400502
 EN 136 (Class 2) / EN 12942:2024
 NPF 1000 (P3 & GasXP3), 2000 (GasX)
 APF 40 (P3), 20 (GasX & GasXP3)
 MOQ 1

700 series

The RSG 700 Series is a high-performance full face respirator made from premium silicone and equipped with an EN148-1 connection. Designed for versatility, it can be used as a filtering device with RSG 400 Series canisters, as part of a continuous airflow system with the T-AirLine regulator and RSG breathing hoses, or integrated with the T-Air PAPR unit for powered air purification. Built for demanding environments, the RSG 700 Series offers reliable protection, long-lasting comfort, and flexible compatibility.



700 SERIES FULL FACE MASK

Part # 400701
 EN136 (Class 3) / EN12942
 NPF 1000 (P3 & GasXP3), 2000 (GasX)
 APF 40 (P3), 20 (GasX & GasXP3)
 MOQ 1



Escape devices

The RSG range of emergency filtering escape devices support you in getting out safely from suddenly occurring life-threatening situations such as fires or gas leaks.

These escape devices are dependent from the ambient air and the hazards must be known. You can choose from fire escape hoods which protect your respiratory system and eyes from toxic fire related gases and smoke, to industrial emergency escape devices protecting you from toxic industrial gases. A combination of smoke hood and industrial escape hood is also available. The insulating devices or EEBD, ensure user safety by delivering air from an internal source, completely independent of ambient atmosphere. EEBDs are essential for quick, safe evacuation in industrial, maritime, and confined space settings.



Escape filtering devices

Compact, easy-to-use escape device designed for rapid evacuation in hazardous gas environments.*

Blitz 5, 10 & 15

- Mouth piece and nose clip
- Compact, easy-to-use
- Equipped with an ABEK filter
- Conforms to DIN 58647-7
- Available in 5, 10, or 15-minute use

POLIBLITZ ABEK 15 & ABEK 15 Ex

- Half mask escape device
- Type A-B-E-K filter
- Lasts at least 15 minutes
- According to the DIN 58647-7
- No protection from dusts, fumes or carbon monoxide

- Not suitable in case of fire
- Reconditioning by authorized personnel possible
- ATEX approved version available



BLITZ 5
Part # 500005
DIN58647-7
MOQ 10



BLITZ 10
Part # 500010
DIN58647-7
MOQ 10



BLITZ 15
Part # 500015
DIN58647-7
MOQ 10



POLIBLITZ ABEK 15 & 15 EX
Part # 500015 / 500025
DIN58647-7
MOQ 10

*Please note: does not protect against carbon monoxide or oxygen deficiency and is not suitable for use in atmospheres lacking oxygen or with highly toxic gases below 65°C boiling point.

Escape hoods

These escape hoods are specially engineered for rapid evacuation. The esCAPE hood CO helps against smoke and the SRH 30 ABEK and escABEK protects you against industrial gasses and vapours.

EsCAPE Hood CO EN 403

- Effective against carbon monoxide
- Heat- and flame-resistant materials
- Mouthpiece and nose clip
- Quick and easy to use
- Lasts at least 15 minutes

SRH 30 ABEK P3

- Certified to DIN 58647-7
- For evacuation of chemical contamination (A1B1E1K1P3)
- Lasts at least 15 minutes
- Filter and storage bag included

EscABEK P / P3

- Certified to DIN 58647-7
- For evacuation of chemical contamination
- In plastic carrying storage case with hanging clip
- Optional A1B1E1K1P3 filter



ESCAPE HOOD CO
Part # 500300
EN 403:2005 (CO)
MOQ 1



SRH 30 ABEK P3
Part # 500317
DIN58647-7 + EN 14387:2004 + A1:2008
MOQ 1



ESCAPBEK ESCAPE HOOD
Part # 500305 / 500306
DIN58647-7 + EN14387
MOQ 1

Insulating Escape devices

These insulating devices ensure user safety by delivering air from an internal source, completely independent of ambient atmosphere. Essential for quick, safe evacuation in industrial, maritime, and confined space settings.

EEBD Hood

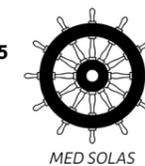
- Simple and intuitive use
- Provides a constant airflow
- Certified to EN 1146 and ISO 23269-1
- Suitable for use in the maritime industry (MED SOLAS)
- Three model options:
 - Steel cilinder 2L 200 bar (10min)
 - Steel cilinder 3L 200 bar (15 min)
 - Composite cilinder 2L 300 bar (15 min)

EEBD Mask

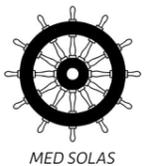
- With full face mask
- Lasts at least 15 minutes
- Suitable for use in the maritime industry (MED SOLAS)
- Three model options:
 - Steel cilinder 2L 200 bar (10min)
 - Steel cilinder 3L 200 bar (15 min)
 - Composite cilinder 2L 300 bar (15 min)



EEBD HOOD
Part # 500410 / 500420 / 500425
EN1146 / ISO23269-1
MED Approved
MOQ 1



EEBD MASK
Part # 500510 / 500420 / 500425
EN402:2003
MED Approved
MOQ 1



Visors, hoods & helmets

Our T-Air® Headtops provide engineered protection for every breath.

As part of our ongoing commitment to innovation and user safety, RSG proudly introduces a variety of headtops. Designed for compatibility with the RSG T-Air® PAPR unit and RSG T-Air® Line CACF, these visors, hoods and helmets offer advanced protection, comfort, and performance across a wide range of industrial applications.



T-Air® Visors

T-Air® Multimask Pro

- Lightweight & easy to use
- Air control by the user in 3 options
- Face seal (foam)
- Improved fit
- Click-in system for face seal
- Easy and fast assembly
- Compatible with helmets and earmuffs



T-AIR® MULTIMASK PRO

Part # 614339
EN 12941
TH3P NPF 500 (APF 40)
MOQ 1

T-Air® Visor

- Lightweight and ergonomic design
- Protection for eyes, face and respiratory protection
- Acetate visor
- Brow guard
- Disposable visor system
- Elastic cotton face seal
- Adjustable headgear with ratchet



T-AIR® VISOR

Part # 614150
EN 12941
TH2P NPF 50 (APF 10)
MOQ 1

T-Air® Hoods

- Lightweight and comfortable design
- Protects eyes, face, neck, and shoulders
- Ideal for environments requiring the highest levels of protection
- Adjustable headgear with air duct & ratchet
- Microporous hood (1000M) provides high protection for laboratory applications, light chemical handling and paint spraying
- CHEM1 (PE laminated) offers protection for light chemical handling
- CHEM3 (Multi layer barrier) is designed for petrochemical and heavy-duty chemical handling



T-AIR® 1000M

Part # 614060
EN 12941
TH3P NPF 500 (APF 40)
MOQ 1



T-AIR® HOOD CHEM1

Part # 614061
EN 12941
TH3P NPF 500 (APF 40)
MOQ 1



T-AIR® HOOD CHEM3

Part # 614062
EN 12941
TH3P NPF 500 (APF 40)
MOQ 1

T-Air® Welding helmets

T-Air® Weld 500

- Standard shade or ADF (Optical class 1 / 1 / 1 / 3)
- Adjustable shade 9 - 13
- Grinding option
- Viewing area (90x110mm)
- Optional flip up frame available



T-AIR® WELD 500

Part # 614250
EN 12941
TH2P NPF 50 (APF 10)
MOQ 1

T-Air® Weld 820

- High quality ADF (Optical class 1 / 1 / 1 / 1)
- Extra large viewing area (95x80mm)
- Adjustable shade 9 - 13
- Grinding option
- Low battery indicator



T-AIR® WELD 820

Part # 614260
EN 12941
TH2P NPF 50 (APF 10)
MOQ 1

T-Air® Weld Euromaski

- Versatile: various shades in visors available
- Protects from the radiation from the outside area
- Wide field of vision
- Can be used in different stage of work
- Very lightweight and comfortable



T-AIR® WELD EUROMASKI

Part # 614270
EN 12941
TH2P NPF 50 (APF 10)
MOQ 1

T-Air® Helmet

The T-Air®Helmet offers a light, comfortable and extremely well-balanced helmet (EN397), with face shield. Adjustment with neck screw for a perfect fit. The T-Air®Helmet can be used with the T-Air® PAPR (TH3) or as compressed ailine system with the T-Air®Regulator (Class 3A/B).

- Lightweight, well-balanced helmet with integrated face shield
- Adjustable neck screw ensures a secure and customized fit
- Large flip-up visor made of scratch- and impact-resistant polycarbonate for maximum visibility and durability.
- Comfortable face seal supports extended wear without irritation or fatigue
- Adjustable airflow direction inside the face shield enhances user comfort and reduces fogging
- Available with earmuffs



T-AIR® HELMET

Part # 615250
EN 12941
TH3P NPF 500 (APF 40)
MOQ 1



EARMUFFS FOR T-AIR® HELMET

Part # 931013
EN 352
SNR 33dB
MOQ 1 pair



Lightweight
& well balanced



Flip up & adjustable
headgear with ratchet



Soft pliable
face seal



Powered Air Purifying Respiration (PAPR)

T-Air® - Breathe easy, stay mobile.

Powered air purifying respirators (PAPR) protect your respiratory system against harmful particles and/or gases and vapours, provided that enough oxygen is present in the ambient air and the hazardous substance is known. Using a powered respirator you have virtually no breathing resistance. You can use those respirators with different breathing filters and facepieces – according to your individual application.



T-Air® PAPR

The T-Air® PAPR is a unique battery-powered motor unit that can be used with a wide choice of approved filters and head tops. It is designed for the widest possible application in which a high(er) protection level and comfort is required. This applies particularly to work that is hard, warm, of long duration and requires a high protection and comfort level.



T-AIR® PAPR COMFORT / DECON

Part # 650102 / 650103
EN 12941 / EN 12942
NPF (APF), dependent on face piece
MOQ 1

- Can be incorporated with various full face masks, visors, hoods and helmets
- Filtered air is fed through a strong flexible hose (bayonet or thread) to the headpiece
- Equipped with full range of class 2 filters (tested against 5.000 ppm)
- Triple warning assuring user of safe use
- To be combined with a comfort belt or decon belt
- IP 65 dust & water proof / shower proof
- Weight including battery (no filters <1.4 kg)
- Optional to use with 2 x P3 filters
- Diagnostics menu for service & maintenance
- Multiple languages
- Optimal filter timer (i.e. Hg for 50 hrs)



COMFORT BELT

Part # 660723
Standard supplied with 650102
MOQ 1



DECON BELT

Part # 600853
Standard supplied with 650103
MOQ 1



Available hoses



HD PE
Part # 661370
For hoods, visors & helmets



HD PE
Part # 661379
For full face masks with Rd40



LIGHT FLEXIBLE PU
Part # 661372
For hoods, visor or helmets



LIGHT FLEXIBLE PU
Part # 661378
For masks with Rd40



Full color display

The T-Air® PAPR is waterproof and incorporates a full color LED display, triple alarm, multiple language settings as well as a data logging function that automatically saves usage and performance information, making archiving much easier. The microprocessor also allows your authorized RSG service center to carry out diagnostic tests and saves the complete service history.

CACF

The Compressed Air Continuous Flow system (CACF) is called the RSG T-Air® Line series. It is designed for light & heavy duty industrial applications and provides comfortable and reliable respiratory protection.

Thanks to such features as the unique low pressure whistle, wearers can enjoy more operating convenience, safety and flexibility. Additionally, these belt units include a protected flow-adjust to increase the airflow for added wearer comfort. For even more safety, a whistle warning unit sounds in case of insufficient air supply. Like the RSG T-Air® PAPR unit, the RSG T-Air® Line range is compatible with a wide variety of headpieces and air hoses.



T-Air® Line regulator

The T-Air®Line Regulator offers a comfortable level of airflow in a full range of T-Air®Line headtops. The small, slim and simple design makes this airflow regulator unique its kind and safe to use in a wide variety of applications.

- Slim, safe and simple to operate
- Precisely adjustable airflow (between 160-350 litres)
- Low flow pressure alarm
- Integrated charcoal filter
- To be used in combination with RSG's Hoods, Helmets, Visors and full face masks



T-AIR® LINE REGULATOR

Part # 661360
EN 14594
NPF (APF), dependent on face piece
MOQ 1

T-Air® Line breathing hoses

- Tested and approved with T-AirLine Filter Units, Regulators and all T-AirLine headtops
- All hoses fulfil the test procedures of the EN14593 & EN14594:2005 class A and B
- Fitted with CEJN double action safety coupling and nipple for ease of use and safe (dis)connection
- Range of Light duty PVC plastic hoses, 10, 15, 20 and 30 meter and Heavy duty anti-static, heat resistant and flame retardant chemical resistant rubber hoses, 10, 15, 20 and 30 meter
- Flexible spiral PU hoses in 2, 4, 6 and 8 meters
- Other length hoses available on request



LIGHT DUTY PVC

Part # 66125X
EN 14593 / EN 14594
Class A / B (EN 14594)
661250-00 - 10 mtr
661258-00 - 15 mtr
661251-00 - 20 mtr
MOQ 1



SPIRAL PU

Part #661252-XX
EN 14593 / EN 14594
Class A / B (EN 14594)
661252-02 - 2 mtr
661252-04 - 4 mtr
661252-06 - 6 mtr
661252-08 - 8 mtr
MOQ 1



HEAVY DUTY RUBBER

Part # 66125X
EN 14593 / EN 14594
Class B (EN 14594)
661253-00 - 10 mtr
661259-00 - 15 mtr
661254-00 - 20 mtr
661255-00 - 30 mtr
MOQ 1

T-Air® Line filter unit

- Breathing Air according EN12021 offering clean, particle and oil free air
- Wall or floor mounted to suit 2 and 4 users
- 2 stage high dirt holding capacity 0.01 micron rated filter to remove particles and oil aerosol to 0.003 mg/m3
- Activated carbon filter to remove odours and vapours



FILTER UNIT WALL

Part # 600161 / 600163
EN 14594
EN 12021
MOQ 1



FILTER UNIT FRAME

Part # 600162 / 600164
EN 14954
EN 12021
MOQ 1



PARTICLE FILTER

Part #660151



OIL/WATER FILTER

Part # 660152



CARBON FILTER

Part #660153

Filters

RSG manufactures three kind of filters for half and full face masks and powered respirators.

The 200 and 300 Series dedicated filter cartridges can be combined with either the 200 or 300 series half masks. The cartridges can protect against gas concentrations up till 5000 ppm for A2 and A2P3 and 1000ppm for the ABEK1P3 cartridges in accordance with the EN14387 and EN141 Standards. The RSG 400 Series Particle, Gas and Combination Filters have been designed to provide exceptional low breathing resistance, the highest comfort and long duration of use. The standard DIN40 mm thread makes it suitable for use on the T-Air PAPP systems and the entire Full Face Mask range of RSG and other manufacturers.



Understanding color codes

When working in hazardous environments, proper respiratory protection is crucial. One key component of respiratory protective equipment (RPE) is the filter, which plays a vital role in protecting workers from inhaling dangerous substances. To ensure workers are equipped with the right protection, filters are color-coded based on the type of contaminants they are designed to protect against. These color codes help workers easily identify the right filter for specific risks. Below is an overview of the most common color codes for filters and the types of substances they protect against:



- Brown A:** Organic Gases and Vapours with Boiling Point > 65°C
- Brown AX:** Organic Gases and Vapours with Boiling Point > ≤ 65°C
- Grey B:** Inorganic Gases and Vapours
- Yellow E:** Acid Gases and Vapours
- Green K:** Ammonia and Derivatives
- Red Hg:** Mercury Vapour
- White P:** Particles, Mists, Fumes

Read article on our website for understanding the color codes of filters which is essential for proper respiratory protection:



200 Series filters

The 200 series filters are compatible with the 200 series half face mask (page 13).



Part #	Colour code	Class	Weight (g)	Connection	Pcs per mask	Qty box	NPF	APF
301201		P3	55	Bayonet	2	6	48	20
301202		A1	85	Bayonet	2	6	50	10
301209	 	A1P3	130	Bayonet	2	6	48	10
301217	 	A1B1E1K1P3	145	Bayonet	2	6	48	10
301251		P3 (Pancake)	8	Bayonet	2	10	48	20
301258		P3OV (Pancake)	11	Bayonet	2	10	48	20

How long can I use my filter?

The lifespan of a filter depends on the filter class and environmental conditions. Factors affecting the service life are:

- concentration of pollutants in the ambient air
- composition of the pollutants
- humidity
- temperature
- breathing rate of the user

No estimated service life can be given as it depends on many factors. Local or company regulations must be observed.

The end of a filter's service life can be recognised by:

- a noticeable smell/taste for gas filters
- increased breathing resistance for particulate filters
- both when using combination filters

For further information and a wide selection of harmful substances, please consult the hazardous substance database GESTIS via the internet. www.gestis-database.dguv.de



300 Series filters

The 300 series filters are compatible with 300 half mask (page 13) & 500 Full Face Mask (page 15).



Part #	Colour code	Class	Weight (g)	Connection	Pcs per mask	Qty box	NPF	APF
301101		P3	65	Bayonet	2	10	48	20
301102		A2	95	Bayonet	2	10	50	10
301109		A2P3	150	Bayonet	2	6	48	10
301117		A1B1E1K1P3	165	Bayonet	2	6	48	10



400 Series filters

The 400 Series filters with Rd40 thread connection are compatible with all the RSG full Face masks with a connection in accordance with the EN148-1 (Rd40). The particulate and combination filters are also compatible with the T-Air PAPR.*



Part #	Colour code	Class	Weight (g)	Connection	Pcs per mask	Qty box	NPF	APF	EXP date (years)
401201		P3	128	Rd40	1	8	1000	40	10
401202		A2	263	Rd40	1	4	2000	20	10
401203		AX	389	Rd40	1	4	1000	20	10
401204		AXP3	345	Rd40	1	4	1000	20	10
401209		A2P3	266	Rd40	1	4	1000	20	10
401214		A2B2E2K2	391	Rd40	1	4	2000	20	10
401215		A2B2P3	348	Rd40	1	4	1000	20	10
401216		A2B2E2P3	396	Rd40	1	4	1000	20	10
401217		A2B2E2K2P3	346	Rd40	1	4	1000	20	10
401218		A2B2E2K2HgP3	396	Rd40	1	4	1000	20	10

*For the correct NPF and APF in combination with the T-Air® PAPR we refer to page 18.



Disposable coveralls

Protect yourself while working with our safety workwear.

RSG Safety supplies high quality chemical protective work wear to PPE distributors throughout Europe and the rest of the world. We design, develop, certify, manufacture and market a full range of protective clothing conforming to EN340:2003 Category III. All coveralls are designed to meet or exceed the requirements of the European PPE Directive 89/686/EEC for chemical protective clothing. The range consists of Type 3, 4, 5 and 6 models, as well as airhoods for both Airline and PAPR in accordance with EN14594 and EN12941 standards. Within the range of RSG Safety coveralls are models which also conform to EN1149-5 anti-static properties, EN14126:2003 barrier to infective agents, EN1073-2:2002 barrier to radioactive contaminated particles and EN14116 Limited flame spread materials.



Sizes

The RSG product range is available in sizes Medium to 3XL and a range of styles to suit different applications. Special sizes can be manufactured on request. Please contact RSG Safety for more information.

	CHEST	HEIGHT
S	84 - 92	162 - 170
M	92 - 100	170 - 175
L	100 - 108	176 - 182
XL	108 - 116	176 - 182
2 XL	116 - 124	188 - 194
3 XL	124 - 132	194 - 200



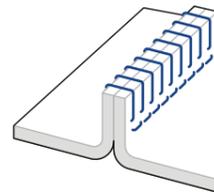
Seam types

RSG Safety uses different types of seams are used on different garments to achieve different levels of protection.

Stitched or “Serged” seam

This is a standard 3 thread overlocking technology, which offers an excellent balance of a strong seam with good particle barrier. Internal stitching reduces the risk of any potential linting from the thread. Serged seams are generally used on garments for light splash and dry particle protection.

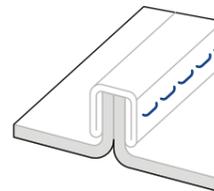
Applies to type 5 & 6 coveralls: Comfort Workwear GP, Microporous NS



Bound Seam

The seam is an “wrapped” with a folded strip of similar or stronger material. This technology provides a tougher seam with superior strength, liquid and particle barrier when compared to a traditional stitched seam. A bound seam is not suitable for a chemical suit as it is not liquid tight.

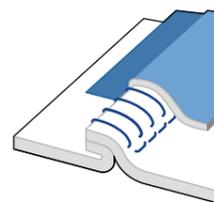
Applies to type 5 and 6 coveralls: Microporous and Cool Suit



Stitched & Taped Seam

The seam is first stitched and sealed on the outside with a heat activated tape. This results in an impervious seam which is completely liquid-tight. As these seams are generally used for chemical suits the tape type is often constructed from a similar material to the garment fabric in order to maintain similar chemical permeation properties.

Applies to type 3 and 4 coveralls: Microporous TS and CHEM1



European Standards for Chemical Protective Clothing

Current European Types of Chemical Protective Clothing

EN Types	Definition	Symbol*
EN 943-1 & 2 Type 1	Gas Tight Chemical Protective Clothing Protective clothing against liquid and gaseous chemicals, aerosols and solid particulates	
EN 943-1 Type 2	Non Gas Tight Chemical Protective Clothing Suits which retain positive pressure to prevent ingress of dusts, liquids and vapours	
EN 14605 Type 3	Liquid Tight Suits Suits which can protect against strong and directional jets of liquid chemical	
EN 14605 Type 4	Spray Tight Suits Suits which offer protection against saturation of liquid chemicals	
EN ISO 13982-1 Type 5	Dry Particulate Protection Suits which provide protection to the full body against airborne solid particulates	
EN 13034 Type 6	Reduced Spray Suits Suits which offer limited protection against a light spray of liquid chemicals	

Additional Standards for the RSG product range

EN Types	Definition	Symbol*
EN1073-2:2003	Protective clothing against radioactive particulate contamination	
EN1149-5:2008	Protective clothing with electrostatic dissipative properties	
EN14126:2003	Protective clothing against infective agents and biological hazards	
EN ISO 14116	Protective Clothing Limited flame spread materials, material assemblies and clothing	

Comfort Workwear SMS* & NON AS

- Certified Type 5/6 protection for dust and light spray protection
- SMS back panel for breathability and wearer comfort
- 3-piece hood design
- Thumb loops help keep sleeves in place
- Elasticated wrists, waist and ankles
- 2-way front zipper



Part # 10000X / 10010X*
56 gsm SMS
Size M till XXXL
MOQ 50



Part # 10001X / 10011X*
56 gsm SMS
Size M till XXXL
MOQ 50



Type 5



Type 6



EN-1073-2



EN-1149-5*

*The EN-1149-5 standard only applies to coveralls 10010X and 10011X.

Microporous NS & Cool workwear

- Certified Type 5/6 protection for dust and light spray protection
- Breathable microporous material
- 3-piece hood design
- Thumb loops help keep sleeves in place
- Elasticated wrists, waist and ankles
- 2-way front zipper
- Part # 10060X includes a blue SMS back panel



Part # 10050X
65 gsm Microporous
Size M till XXXL
MOQ 25



Part # 10060X
65 Microporous / 56 gsm SMS back
Size M till XXXL
MOQ 25



Type 5



Type 6



EN-1073-2



EN-1149-5*



EN-14126

Microporous TS series

- Certified Type 4 protection: liquid spray & splash
- Taped seams for complete barrier against dust and liquids
- Microporous PE film: superior liquid resistance vs. traditional PE garments
- Soft, flexible fabric for enhanced wearer comfort
- Breathable: high moisture vapor transmission for reduced heat stress
- Ergonomic design: generous fit & excellent freedom of movement



Part # 10080X
63 gsm Microporous
Size M till XXXL
MOQ 25



Type 4



Type 5



Type 6



EN-1073-2



EN-1149-5*



EN-14126



Multi use workwear FR

- Certified Type 5/6 protection + EN 14116 (Index 1) flame retardancy
- Flame retardant viscose fabric with nylon scrim for added durability
- Will not ignite, drip, or propagate flame – chars safely at lower temps
- Safe over thermal protective garments (TPG) – no compromise to thermal protection
- Soft, breathable, and flexible – ideal for extended wear
- Ergonomic design with 3-piece hood, inset sleeves, and diamond crotch insert
- Elasticated hood, waist, cuffs, and ankles for secure fit



Part # 10100X
101 gsm Mix FR Viscose
Size M till XXXL
MOQ 25



Type 5



Type 6



EN-1073-2



EN-1149-5*



EN-ISO14116

Chemical Workwear Chem 1 series

- Certified Type 3: liquid-tight chemical protection
- HDPE/PE laminate fabric protects against a wide range of common chemicals
- Stitched & taped seams for fully sealed protection
- Double zip with storm flap for secure front closure
- Wide, cushioned knee-pads for added comfort in demanding tasks
- Ergonomic design: 3-piece hood, inset sleeves, diamond crotch insert
- Elasticated hood, waist, cuffs, and ankles for secure, flexible fit



Part # 10020X
78 gsm HDPE barrier film laminate
Size M till XXXL
MOQ 10



Type 3



Type 4



Type 5



Type 6



EN-1073-2



EN-1149-5*



EN-14126

Partial body

- Superior liquid and dust protection
- Soft, flexible fabric for comfort
- High moisture and vapor transmission for higher comfort level
- Unique RSG style pattern - ergonomically styled and sized for generous fit and superior freedom of movement
- Thumb loop
- Also available in lab coats, overshoes, sleeves etc.



Part # 10070X
65 gsm Microporous
Size M till XXL
MOQ 25



Part # 100903
65 gsm Microporous
One size
MOQ 200 (100 pair)



Part # 100913
65 gsm Microporous
One size
MOQ 200 (100 pair)



Type 5



Type 6



EN-1073-2



EN-1149-5*



EN-14126





Eye - face protection

Protect your sight with our Eye - Face protection collection.

As a specialist provider of Personal Protective Safety Equipment (PPE) products, services, and technical support, we are pleased to present our face & eyewear protection range. Our face shields, welding visors, safety goggles and safety spectacles provide protection for a wide range of environments.



Safety spectacles

Designed for comfort and durability, our safety spectacles effectively shield your eyes from hazards such as chemicals, dust, and flying debris. With a lightweight, secure fit, our safety spectacles are perfect for ensuring clear vision and reliable protection in any environment.

T-iline 100E



CLEAR LENS

Part # 900010
CE EN 166 : 2001 EN 170
MOQ 20

PC 36g

T-iline 200E



CLEAR LENS

Part # 900020 / 900021
CE EN 166 : 2001 EN 170
MOQ 20

PC 22g



SMOKE LENS

T-iline 600E



CLEAR LENS

Part # 900060
CE EN 166 : 2001 EN 170
MOQ 20

PC 38g

T-iline light



CLEAR LENS

Part # 900101 / 900103
CE EN 166 : 2001 EN 172
MOQ 24

PC 20g



INDOOR OUTDOOR LENS

T-iline comfort



YELLOW LENS



CLEAR LENS



SMOKE LENS

Part # 900111 / 900112 / 900113
CE EN 166 : 2001 EN 170
MOQ 10

PC 24g

T-iline one



CLEAR LENS

Part # 900141
CE EN 166 : 2001 EN 170/172
MOQ 10

PC 28g



Key features explained

Anti scratch coating

PC Polycarbonate

Soft Nose Pad

Soft Temple Tips

Anti fog coating

28g Weight

Temple Pivoting System

Safety goggles

Robust, secure-fit goggles for reliable protection in chemical, construction, petrochem, pharmaceutical, and agricultural environments.

T-line vision

- Clear lens for unobstructed vision
- Ventilated design for enhanced comfort
- Adjustable strap ensures secure and optimal fit
- Soft brow guard for added comfort
- Compatible with helmets and other PPE – easy to position
- Compact size – ideal balance of comfort and performance
- Engraved markings:
 - Lens: RSG 1 BT*
 - Frame: RSG CE EN 166 3 4 BT

*Complementary test in extreme conditions -5°C till +55°C.



Part # 900121

CE EN 166 : 2001 EN 170

FFP1 NR D NPF 4 (APF 4)

MOQ 8



Face Shields

Durable, high-quality face shields for reliable protection against chemicals, debris, and airborne particles. Trusted comfort and safety across demanding industries.

T-visor face shield



- Lightweight eye & face protection
- Optical class 1 – clear, distortion-free vision
- Flip-up visor for convenience and flexibility
- Adjustable head harness for secure, personalized fit
- Replaceable, comfortable sweatband
- Optional disposable visor covers for extended visor life
- Material options:
 - Acetate (914152): chemical resistant
 - Polycarbonate (914153): scratch resistant

Part # 914152 / 914153

MOQ 1

Welding helmets

Premium welding helmets designed for superior protection, comfort, and visibility. Shield against sparks, UV, and debris—stay safe and focused on the job.

T-weld 500 ADF

- Lightweight welding helmet with Auto-Darkening Filter
- Optical class: 1/3/1/2 – reliable protection and clear vision
- Variable lens shade 9–13 | Light state: Shade 4



Part # 660500

MOQ 1

T-weld 820

- High-quality welding helmet with Auto-Darkening Filter
- Optical class: 1/2/1/1 – excellent clarity and minimal distortion
- Wide field of vision for improved safety and comfort
- Variable lens shade 9–13 | Light state: Shade 3.5



Part # 660820

MOQ 1



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