



Sandblasting protection

For light and heavy sandblasting operations



BartelsRieger sandblasting protection suit Defender BR

For use in sandblasting operations with granular abrasives

This robust overall was developed to reliably protect against the extreme effects of abrasive blasting. Thanks to the wear-resistant Lamigard® material, the Defender® is resistant to abrasive particles and particularly durable.

Ergonomically designed with a close-to-body fit, the suit provides optimal freedom of movement, while the breathable properties ensure wearing comfort even during longer use. Clever details, such as reinforced seams and abrasion-resistant sections at highly stressed areas, ensure a long lifetime.

This protective suit is independent of a respiratory protection device and offers additional protection against dust and moisture due to the 3-layer particle- and waterproof material and the sealed seams.

- » Certified according to: EN ISO 14877 (Type 1), EN ISO 13688:2013/A1 (Protective clothing – General requirements), EN ISO 13982-1:2004/A1 (Type 5: Protective clothing against solid particles)
- » Breathable (95% Nylon 6.6 / 5% PU / PTFE 100% Nylon)
- » Zip with double cover and press studs
- » Vertical inner chest pocket with zip (Napoleon pocket)
- » Hook-and-loop straps for width adjustment at sleeve and leg hem
- » Safety cuffs on the inside of the sleeve and leg hem
- » Reinforcement elements in the shoulder and knee area
- » Stand-up collar including width adjustment
- » Seams welded on the inside
- » Adjustable elastic waistband on the back section
- » Width adjustment at the trouser leg ends

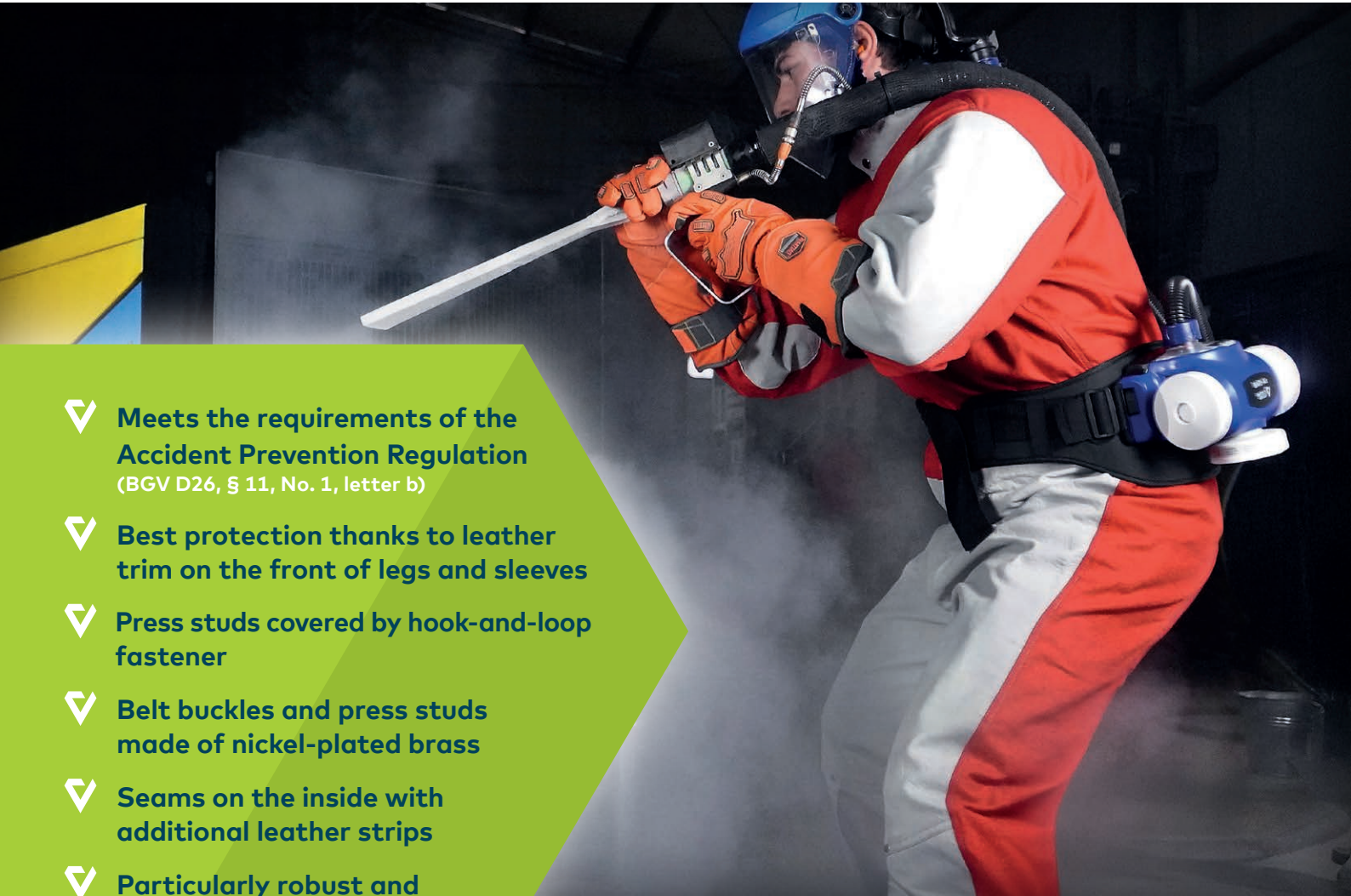


- ✔ Long service life
- ✔ Durable material
- ✔ High mechanical resilience
- ✔ Sizes S–XL and special sizes
- ✔ Can be put on without assistance
- ✔ Particle-tight and waterproof

One-piece sandblasting protection suit

Made of wear-resistant cotton canvas with full leather trim

- ✔ Meets the requirements of the Accident Prevention Regulation (BGV D26, § 11, No. 1, letter b)
- ✔ Best protection thanks to leather trim on the front of legs and sleeves
- ✔ Press studs covered by hook-and-loop fastener
- ✔ Belt buckles and press studs made of nickel-plated brass
- ✔ Seams on the inside with additional leather strips
- ✔ Particularly robust and equally comfortable
- ✔ Sizes 48-60



Two-piece sandblasting protection suit

Made of cotton and full-grain leather



✔ Meets the requirements of the
Accident Prevention Regulation
(BGV D26, § 11, No. 1, letter b)

✔ Press studs covered by
hook-and-loop fastener

✔ Seams on the inside with additional
leather strips

✔ Leather trim on the front
of the legs and sleeves

✔ Sizes 50-60

More information about the powered filtering device
BariAir can be found on the last inside page.



Sandblasting protection hood ACS 951

Sandblasting protection device for light sandblasting works.

Full face mask with 5-point banding, two interchangeable visors and flexible concertina hose for supply with breathing air. Regulation of the air supply takes place via a filter silencer.

Acoustic warning in case of insufficient air supply.

Cape at the front made of resistant plastic for the best possible protective effect.

- ✔ High operating comfort thanks to control valve on the side of the body
- ✔ Possibility of use in confined spaces
- ✔ Acoustic warning device on the waist belt
- ✔ Compressed air filter with noise reducer
- ✔ According to EN 14594 CL 4B





✓ EN 14594 CL 4B

✓ Wide field of view thanks to glass insert

✓ High operating comfort thanks to quick coupling and control valve on the side of the body

✓ Operating radius up to 50 m possible – by means of compressed air supply hose DZS 9

✓ Compressed air filter with noise reducer

✓ Acoustic warning device on the waist belt

✓ Impact protection and extensive padding

Sandblasting protection hood ACS 952

Sandblaster protection respirator ACS 952 with frontal protection waist coat for highest safety for body and respiratory tract during blasting work.

Helmet made of shock proof material, equipped with adjustable head harness and chin strap. Always fog-free vision thanks to air channels at the visor. Air supply to the user via a compressed air source that supplies air of breathable quality (according to EN 12021) with a pressure between 5–6 bar and a minimum flow of 250 l/min for each user.

Noise reduction by filter silencer that reaches a minimum of up to 75 dB. Adjustable air flow between 165 and 230 l/min. Panorama glass visor provides an optimal field of view and protects against wear due to abrasion. Vest made of strong, plastic-coated fabric to protect the upper body.



Sandblaster protection respirator Commander II

Sandblaster protection respirator made of glass-fibre reinforced polyester

For heavy blasting work, optionally combinable with protective cape made of cotton, leather or plastic.

The unique rubber coating reduces the noise caused by rebounding blast particles to a minimum.

Highest protection for the user thanks to comfortable air supply and air flow indicator that shows whether the minimum volume flow is ensured.

- ✓ Air flow indicator for optical warning device
- ✓ Control valve with compressed air hose connection
- ✓ Compressed air hose device tested according to EN 271 – with CE mark
- ✓ Rebound protection for noise reduction and wear minimisation
- ✓ Body protection made of cotton, bisonyl or leather
- ✓ Robust wire mesh front protects the visor



Blastsafe™ IRONGRIP

Gloves for Sandblasting

The gloves are made of high-quality materials, including leather and rubber for high durability. The gloves allow good dexterity (performance level 3, according to EN ISO 21420:2020).

In addition, the glove material was subjected to the flammability test according to EN 14594:2018 (test method 3 according to EN 13274-4:2020) and showed a high resistance to ignition.



Vortex climate device for breathing air

Compact, light and extremely reliable, worn directly on the body

Temperature regulation of the breathing air supplied takes place without the use of electricity, rotating parts or chemicals and achieves temperature differences of approx. $\pm 20\text{ }^{\circ}\text{C}$ compared to the incoming temperature.

Regulator-controlled air flow metering and temperature selection.



- ✓ Maintenance-free
- ✓ Free from chemicals
- ✓ No moving parts
- ✓ No risk of sparking or explosion
- ✓ No electrical connection required



More safety
and comfort
in every situation



Easy to use and features
robust technology

BariAir powered air-purifying respirator is certified with a range of BartelsRieger respiratory filters with standard Rd40 thread connection according to EN 148-1 and offers reliable protection against numerous hazardous substances.

Full flexibility for every Situation

Matching visor, hood and respiratory filters

BariAir Helmet (EN397)

Light, comfortable and extremely well-balanced helmet with face shield.



- ✔ **Impact-resistant face shield**
Passed EN166 BT test, large full-view face shield, good impact resistance, no distortion of sight
- ✔ **Comfortable adjustable headgear**
Adjustable in 6 gears, rathcet is infinitely adjustable for different head sizes
- ✔ **Face seal**
Skin-friendly sealing, water resistant, flame retardant, good sealing performance



BariAir Visor (EN12941:2009)

Extremely robust, making it particularly suitable for use as a facepiece in construction and cleaning.

- ✔ Robust and chemical resistant PETG faceshield
- ✔ Comfortable cotton face seal
- ✔ Easily adjustable head straps for a tight fit
- ✔ Removable protective cover
- ✔ Protection category TH2P

BariAir 1000 CHEM3 (EN12941:2009)

Provides protection during numerous activities and is particularly suitable for hazardous material disposal and industrial cleaning.

- ✔ Protection against highly concentrated organic and inorganic chemicals
- ✔ Protection category TH3P
- ✔ Easily adjustable headband
- ✔ Chemical resistant PETG faceshield

Respiratory filters with standard round Rd40 thread connection (EN 143:2007)

BariAir powered air-purifying respirator is certified with a range of respiratory filters with standard Rd40 round thread connection and offers reliable protection against numerous hazardous substances.

- ✔ 81 Ast (A2 P3 R D)
- ✔ 30 P3 und 30 P3+



No G26 necessary

No breathing resistance and weight <3 kg.

100% cost benefit

No expensive special filter – **BariAir** works with BartelsRieger standard Rd40 round thread filters according to EN 148-1.

100% ready for use

Starter set including high-quality breathing connection, powerful rechargeable battery, charger and carrying strap. Combine filters as needed.

100% fail-safe

Safe application due to robust technology and intuitive operability.

100% decontaminable

Splash-proof and absolutely reliable due to high-quality workmanship.

Safety with every breath.

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