

## COMPRESSED AIR HOSE APPARATUS EQUIPPED WITH HELMET for use in flux & abrasion processes EN 271, EN 14594



### AIR HELMET

**“GRANIT”**: ReS-3G, ReS-3G/OH, ReS-3, ReS-3/OH

CE 1437 : Type Assessment Certificate WE/S/157/2004, WE/S/1572/2010

#### Application :

AIR HELMET “GRANIT” is designed to be used on the flux & abrasion processing stations (sanding and shot blasting), where objects are cleaned with the use of abrasive material ejected from nozzles by compressed air. An indicator of inflowing respiratory air volume is installed in the helmet. The helmet is completed with the system adjusting volume of inflowing respiratory air or with air-conditioner heating (or cooling) air inflowing to the helmet.

The helmet protects the user’s respiratory system from dust and other contamination, protects ears from noise and protects the user’s head, eyes and trunk from chips of abrasive material and separated corrosion products. For the purpose of increasing the level of protection from noise, the ReS-3G/OH and ReS-3/OH GRANIT versions are equipped with an anti-noise ear protection system.

Top quality materials are used in the production of the helmets and the latest technological solutions are applied. The helmet is made of a composite material consisting of highly durable glass fibres. It is reinforced with a layer of abrasion-resistant polyurethane. The visor frame is made of aluminium. The helmet has two panes: the first from the user’s face side is made of polycarbonate; the second is made of 2 mm glass reinforced by stuck on anti-chip foil. The helmet is assembled manually, and thus 100% product quality control is assured. Technical solutions, which are not present in other similar products, were applied in the helmet. The helmet’s protection parameters were confirmed by a CE safety certificate (in compliance with Directive 89/686/EEC and EN 271, EN 14594 standards). The helmet’s producer maintains an ISO 9001 quality management system certified by TÜV NORD.



#### Helmet’s advantages:

- Resistant to abrasion, easy replacement of external apron (fastened by hook and loop fasteners).
- Ergonomic internal insert cushioning the user’s head and ensuring high comfort of use.
- Internal insert with adjustable pressure to head, lined with comfort upholstery. Upholstery elements are fastened with the use of hook & loop fasteners to the internal insert. Upholstery can be washed!
- Version OH of the helmet has an anti-noise head protection system, reducing the level of noise reaching the user’s ears.
- High comfort of work and safety of use.
- Extraordinarily light helmet – helmet weight without apron 1.6 kg

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