

COMPRESSED AIR BREATHING APPARATUS EQUIPPED WITH A HELMET SUITED FOR ABRASIVE BLASTING EN 271



BREATHING HELMET

“GRANIT”: ReS-3, ReS-3/OH, ReS-3G, ReS-3G/OH
(the O/H helmet version equipped with ear muffs)

CE 1437: Type assessment certificate WE/S/157/2004

Application:

Specialised **“GRANIT”** BREATHING HELMET: **ReS-3, ReS-3/O/H, ReS-3G, ReS-3G/O/H** is designed for protection of worker’s respiratory system against dust and atmosphere of air unfit for breathing. For protection of head, eyes and body of a worker against splinters of abrasive material used and corrosion products broken off, while working with abrasive blasting (sand blasting, shot blasting) for cleaning items using abrasive material ejected through a nozzle using compressed air. Due to using silencing lining, the helmet lowers the level of noise from working environment reaching worker’s ears. The helmet, equipped with a system for adjusting amount of breathing air flowing in. It is fed from the breathing-treated compressed air network.

Abrasive blasting is one of the most dangerous processes used in technology today in regard of providing effective protection for the person carrying out the blast-cleaning. Especially the dusts formed during the blast-cleaning process are extremely dangerous for human body.

The **“GRANIT”** breathing helmet presented herein is a complex product, which, when used properly, provides the person carrying out this dangerous job with complete protection against health hazards.

This personal protection system has been manufactured using the highest quality materials and modern technology. Creating this product we have guaranteed effective protection of the user. This product provides protection for eyes, hearing, head, and respiratory system. The helmet possesses two flat windows, the first, from user’s face side, is made of polycarbonate, and the second, from user’s face, is made of 2 mm glass and additionally reinforced with an anti-chipping foil. As an insulating protection system it guarantees the safety of the user against the influence of all hazardous substances. Protective parameters have been confirmed by the CE safety certificate (in accordance with the 89/686/EEC directive and harmonised standards.) All protective features were therefore confirmed in result of extensive testing in specialised laboratories, in accordance with the procedures accepted in the European Union member states. The manufacturer possesses an ISO 9001 quality management system certified by TUV NORD.



Helmets in the GRANIT ReS-3/O/H and ReS-3G/O/H versions are equipped with ear muffs. The earcaps fitted inside the helmet have regulators for adjustment of pressure against user’s ears and head. This additionally reduces the level of noise reaching the user’s ears.

Helmets in the GRANIT ReS-3 and ReS-3/O/H versions are designed for working with non-metallic abrasives. Helmets in

the GRANIT ReS-3G and ReS-3G/O/H versions are equipped with an additional polyurethane layer. They are designed for working with aggressive metallic abrasives, such as steel and cast iron shots as well as electro-corundum abrasives.

Inside of the GRANIT helmets is lined with soft exchangeable pads holding user’s head. This increases work comfort and it is a very ergonomic solution. The apron protecting the body is made of double fabric reinforced with PVC. It protects against abrasive splinters and other mechanical threats.

RESIN

PL 32-052 Radziszów Jurczyce 111 POLAND

Tel: +48 12 275 17 45 * fax: +48 12 275 17 46 * biuro@resin.com.pl * www.resin.com.pl