

## Protective helmet TYTAN HOT 101 type Rescuer



Protective helmet TYTAN HOT 101 type Rescuer meets requirements of the following standards :

- EN 397:1995 “Industrial safety helmets”
- EN 12492:2000 “Mountaineering equipment - Helmets for mountaineers - Safety requirements and for test methods”
- EN 443:1997 – Fire fighter helmets - in the area of flame resistant
- EN 443:2008 Helmets for fire fighting in buildings and other structures - in the area of resistant to liquid chemicals

1. Usage :

The helmet can be use during rescuer actions, therein emergency medicine, and also during natural disasters for instance forest fire fighting

2. Technical characteristics :

The materials used for the production of this helmet provides maximum protection against mechanical injuries caused by falling objects, solid splinters, bumping into protruding elements, electric current, short-lived contact with fire, liquid chemicals, chopping of hot solid bodies and molten metals.

A composite shock absorbing insert made of stiff polyurethane foam ensures proper absorption of impact energy.

The possibility of adjustment a ventilation holes placed on the shell improves the comfort of work in high temperatures.

The helmet shell is made of non-flammable specially modified polyamide 6.6 reinforced with glass fibers. Internal equipment is 6 points system of retention belts hung on special latches. Leather sweatband padded with soft foam protects forehead against pressure and improves the comfort of use.

Helmet structure ensures smooth regulation of the position and head circumference every 5 mm in range between 52-66 cm. 3-points chinstrap with smooth clips ensures the position on the head.

Helmet weight without additional equipment is  $675 \pm 15$  grams

### 3. Equipment :

Helmet structure enables to fasten following accessories :

- Protective goggles
- Ear protectors
- Face protector/ visor
- Holder for both : breathing mask and side torch
- Neck protector