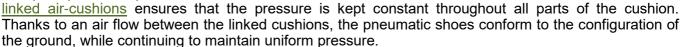


PNEUMATIC SHOES

The pneumatic shoes were designed for the <u>protection against antipersonnel mines</u>. This particular type of mine is designed to explode when the pressure exerted upon it is above a threshold in the range of 0,1 to 0,2 daN / cm². This threshold is lower than the pressure on the ground exerted by an average adult walking across a mine field.

The pneumatic shoes concept is based on drastically <u>increasing the surface area</u> of the terrain where the body weight will be applied, to attain pressure on the ground significantly below triggering threshold.

The principle of the pneumatic shoes





The sandal is made from a reinforced plastic surface. The plastic surface is attached to a canvas and nylon fabric flexible envelope. This envelope contains compartments, each of which contains one air cushion. These cushions are connected to each other via a connecting tube and a flexible manifold. The upper part of the plastic surface is equipped special straps that harness the shoe to the sandal. In addition. it has a rubber tube with an oral inflation valve and an emergency inflation

mechanism made of a manual inflator grip attached to a compact CO2 cylinder (as an option).

The pneumatic shoes can be used in all types of terrain without loss of efficiency. They maintain maximum safety and reliability on various surfaces from sand to rocky terrain and from mud to vegetated areas.

The pneumatic shoes are supplied with individual carrying bag.

TECHNICAL DATA

Size: 35 x 70 x 13 cm Weight: 2.5 Kg

Designed to carry up to 150 kg (333 pounds) on each sandal

CO 2 cartridge: 38 gr (option Pressure relief valve: 1 8 PS