

# PROTECTIVE FILTERING OVERALL

## NBC protective suit

Protective filtering overalls are intended for efficient multiple protection of the wearer against the effects of gases/vapors and for single protection against effects of droplets/aerosols as well as of burning thermal radiation impulse of nuclear explosion and napalm composition droplets.

### TECHNICAL DATA:

Protective filtering overalls consist of inner and outer layer. The inner layer is made from NBC filtering material, the outer is made of polyester/cotton mixture camouflage fabric, for visual and near IR area (650-1000nm). The overalls are resistant to oil and water. Protective filtering overalls are available in three sizes: small (S), medium (M) and large (L) size. The weight of the overalls is not more than 3 kg.

The protection capacity against S-lost, vapors, in concentrations of 20 mg/m<sup>3</sup>, is minimum 6 hours. The protection capacity against S-lost, drops, in concentrations of 10 g/m<sup>2</sup>, is minimum 24 hours. The overalls can be washed for 6 times without changing their characteristics. The overalls should not burn on impact of burning thermal radiation impulse of nuclear explosion, strength 3 kt and energy 60 J/cm<sup>2</sup>, in 1 second lasting and on impact napalm composition droplets do not burn for at least 15 seconds.

Air permeability of fabrics that the overalls are made from under  $\Delta P = 100$  Pa is minimum 6 m<sup>3</sup>/m<sup>2</sup>\*min.

The protective overalls are to be used at temperatures ranging -30°C to +50°C. They are compatible with protective masks, gloves, overcoat (over garment), socks, boots and helmet.

The protective overalls unit packaged in PE/Al/PA-bag contains respective pants and blouse. The same five sizes of overalls are packaged in the 600 mm x 400 mm x 400 mm water resistant carton cardboards.

The protective overalls in their original packing are to be stored in dark areas at temperatures ranging +5°C to 25°C and at relative humidity of 60 ± 10%. Shelf life of original packaging in the prohibited conditions of storage is 15 years.

