

▶ TS Serie

Microporous workwear type 4, 5 & 6



Technical specifications

Workwear TS series: Types 4, 5 & 6.

Material: Microporous polyethylene (PE) laminated 63g/m².

Seam: In microporous strip.

Sizes: M, L, XL, XXL, XXXL.

Color: White.

Packaging:

Boxes of 25 combinations (individual packaging).

Homologations :

- EN 14605: 2055= Liquid chemical protection, clothing with spray tight seams - Type 4.
- EN 13982: 2004= Protection against hazardous and dry particles - Type 5.
- EN 13034: 2005= Protection against reduced spraying of chemical and liquid products - Type 6.
- EN 1149-1: 2005= Antistatic requirements, surface resistance.
- EN 1073: 2002= Protection against particles contaminated by radiation.
- EN 14126: 2003= Protection against infectious agents, tested only on fabric.

Physical specifications

- Abrasion resistance: between 10 and 100 cycles (Class EN 1).
- Puncture resistance: 6.2 N (class EN 1).
- Tear resistance: 50.9 kN/m² (EN 1 class).
- Cracking resistance: between 40.6k and 40k cycles (class EN 4).
- Trapezoidal tear resistance (cd): 16.7 N (class EN 1).
- Seam strength: 95.6 N (class EN 3).

Product description

The **TS series microporous workwear** offers type 4, 5 and 6 protection against dust and liquid chemical splashes. Made of microporous polyethylene (PE), the **TS serie** provides superior liquid protection compared to conventional polyethylene garments. Sewn and taped seams allow for liquid spray certification (EN14605 - Type 4).

With its excellent value for money, it is particularly suitable for low concentration insecticide and pesticide spraying or pharmaceutical applications against infectious agents, blood and body fluids. It can also be worn for maintenance, cleaning, paint or varnish spraying.

▶ Serie TS workwear assets

- Type 4, 5 & 6 coveralls (protection against dust and liquid splashes).
- Microporous polyethylene fabric, soft and light.
- High water vapour transmission rate for improved comfort.
- A tape join is a fully sealed seal against the ingress of liquid and dust.
- Ergonomically sized for optimum fit and freedom of movement.

▶ Chemical repulsion and permeation

Liquid test	Repulsion %	Penetration %
Sulphuric acid 30%	97,7 %	0 %
Sodium hydroxide 10%	99,4 %	0 %

▶ Particle barrier

Particle size	Penetration %
1,0 - 1,5 µm	0 %
1,5 - 2,0 µm	0,28 %
2,0 - 2,5 µm	0,48 %
2,5 - 3,0 µm	0 %
3,0 - 3,5 µm	-
> 3,5 µm	-

(Aloxite method)