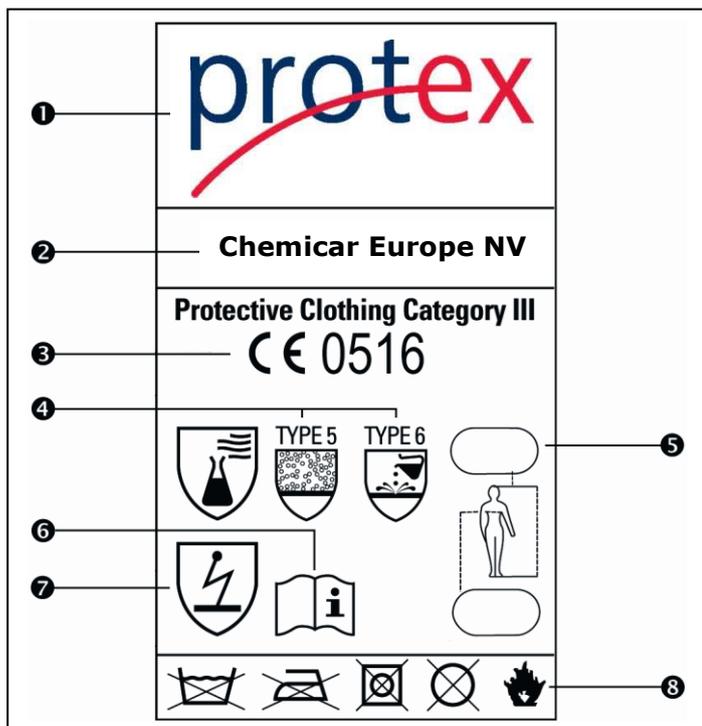


TECHNICAL DATA SHEET
CSO – spray overall white



Instructions for use

Marking:

Each overall is identified by an inside label. The inside label indicates the type of protection and some further information for use.

- ❶ Protex is the model name for a protective overall with hood and with elastics at waist, ankles and wrists.
- ❷ Supplier of the garment
- ❸ CE-marking – The overall corresponds to the European standards of personal protective equipment of category III. The type test and quality assurance certification were issued in 2003 by Sächsisches Textilforschungsinstitut e.V., Annaberger Strasse 240, D-09125 Chemnitz (Identification Code 0516).
- ❹ The European standards for chemical protective clothing define six types of protection, which are symbolized in one pictogram.



- Typ 1: Gas-tight clothing
- Typ 2: Non-gas-tight clothing
- Typ 3: Liquid-tight clothing
- Typ 4: Spray-tight clothing
- Typ 5: Particle-tight clothing
- Typ 6: Limited splash-tight clothing

Chemicals product specification correspond to the protection types of the European standards. Protex coveralls offer protection of Type 5 and Type 6.

⑤ The size table combines the body measurements with the standard sizes S – XXL. Please check your body measurements and select your correct size.

Body measurement [cm]

Size	Chest girth	Body height	Size	Chest girth	Body height
S	84-92	164-170	XL	108-116	180-188
M	92-100	168-176	XXL	116-124	186-194
L	100-108	174-182	XXXL	124-132	194-202

⑥ The symbol of the „Open Book“ reminds the wearer to familiarize himself with the „Instructions for use“.

⑦ Protex coveralls are antistatically treated and offer electrostatic protection according to EN 1149-1.

⑧ The five care-pictograms indicate:

 Do not wash. Washing influences the protective performances.

 Inflamable. Keep away from flames or intensive heat.

 Do not machine dry

 Do not dry clean

 Do not iron

Performance profil of Protex coveralls

Physical data	Unit	Result	Test method	Grade
Weight	g/m ²	65		
Abrasion resistance	Cycles	>100; <500	EN530	2
Blocking		No blocking	ISO5978	2
Flex cracking resistance	cycles	>15.000; <40.000	ISO 7854	4
Puncture resistance	N	7,63	EN863	1
Mullen burst strength	kPa	71,6	ISO 2960	1
Tear resistance	N	Lä 62,3 / qu 36,4	ISO9073-4	2
Seam strength	N	108	ISO5082 A2	3
Spraytest Anzug			EN468	o.k.
Whole-Suit-Test (Staub)			CEN TC162/ WG3/N293	o.k.
Penetration resistance		P	R	DINEN 368
H ₂ SO ₄ 30%		0	98,2	
NaOH 10%		0	98,1	0
n-Heptane		0	90,6	0
Isopropanol		0	92,8	0
Particle penetration (material)	mg	<1	CEN/TC162/ WG3/TG3 N80	

P = Penetration index (% penetrated); **R** = Repellancy index (%repelled);

Remark: For further information concerning the barrier performances please contact Chemicar

Typical areas of use

Protex coveralls are designed to protect workers against hazardous substances or sensitive products or processes against contamination by man. Depending on the potential risk of the chemical and the circumstances of exposition the Protex coveralls can be used for protection against fine particles (Typ5), liquid splashes or liquid spray (Typ 6).

Preparations before use

Do not use incorrect coveralls. In case of faulty zipper, seams or any other defect, please contact Chemicar Europe. The correct size combined with correct dressing and a closed zipper protected by flap assures the protective performance of the coverall.

Limitations of use

Please ensure that you have chosen the right garment suitable for your job. Protex coveralls offer no penetration resistance against solvents (like n-Heptane and Isopropanol). For advice, please contact your supplier of the garment. The user shall be the sole judge for correct combination of full body protective coverall and ancillary equipment (gloves, boots, respiratory protective equipment, etc.) and for how long Protex coveralls can be worn with respect to its protective performance, wear comfort and heat stress. Chemicar Europe shall not accept any responsibility whatsoever for improper use of Protex coveralls.

Storage

Protex coveralls can be stored according to customers storage practices.

Disposal

Protex coveralls can be incinerated or buried in controlled landfill without harm to the environment. Restrictions to disposal result only from contaminants introduced during use.

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Chemicar Europe cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the products suitability for their own applications.