

## TECHNICAL DATASHEET

### 4600 // PROTECT






SHELL FABRIC	SMS / laminate film, white
LINING	-
SIZE(S)	M-XXXL
PACKAGING UNIT	50 pieces
CERTIFICATION	EN ISO 13982-1, EN 13034, EN 1149, EN 14126, EN 1073-2



### DESCRIPTION

NITRAS PROTECT, protective overall, white, SMS with laminate film, three-piece hood with elastic band, elastic waist, cuffs and ankles, double covered zipper, breathable, almost non-linting, three-piece crotch, high tear strength due to combination of SMS and laminate film, chemical protective clothing, type 5-B, type 6-B, high-quality workmanship

	Material	Colour
Shell fabric	50% polypropylene, 50% polyethylene	White

EN ISO 13982-1:2004 + A1:2010	Test parameter	Performance level	Test result
 <b>Type 5</b>	Abrasion resistance	1-6	1
	Flex cracking resistance	1-6	6
	Tear resistance (Trapezoidal)	1-6	2
	Puncture resistance	1-6	2
	Seams strength	1-6	4
EN 13034:2005 + A1:2009	Test parameter	Performance level	Test result
 <b>Type 6</b>	Abrasion resistance	1-6	1
	Tear resistance (Trapezoidal)	1-6	2
	Tensile strength	1-6	1
	Puncture resistance	1-6	2
	Repellency against liquids	1-3	Sulphuric acid 30%: 3 Sodium hydroxide 10%: 3 o-Xylene: 2 Butan-1-ol: 2
	Resistance against penetration of liquids	1-3	Sulphuric acid 30%: 3 Sodium hydroxide 10%: 3 o-Xylene: 2 Butan-1-ol: 2
EN 14126:2003	Test parameter	Performance level	Test result
	Resistance to penetration by contaminated liquids: Synthetic blood	1-6	5
	Resistance to penetration by contaminated liquids: Phi-X174 bacteriophage	1-6	5
	Resistance to penetration by infective agents due to mechanical contact with substances containing contaminated liquids: Staphylococcus aureus	1-6	6
	Resistance to penetration by contaminated aerosols: Staphylococcus aureus	1-3	3
	Resistance to penetration by contaminated solid particles: Bacillus subtilis	1-3	3
EN 1073-2:2002	Test parameter	Performance level	Test result
 <b>Class 1</b>	Nominal protection factor total inward leakage	1-3	1
EN 1149-5:2008	Test parameter	Performance level	Test result
	Electrostatically dissipative protective clothes	-	-