

Technical Data Sheet

Product Code:

18C1100 - White
18C1200 - Blue
18C1500 - Red

Product Description:

Arco CAT III SMS Type 5/6 Coverall



EN ISO 13982-1-004+A1:2010
Protective clothing against airborne
solid particulates (Type 5)



EN ISO 13034:2005+A1:2009
Partial Protection against light liquid
splashes (Type 6)



EN 1073-2:2002
Against radioactive particulates



EN 1149-5:2018
Electrostatic charges



HAZARD PROTECTION

EN ISO 13688:2013 Protective Clothing –
General Requirements



Product Details:

- Anti-static coverall with hood
- Front two-way zip fastening, with self-adhesive storm flap
- Elastic at hood opening, cuffs & ankles
- Stitched seams
- Available Sizes: S– 4XL
- Fit according to body chest size

Materials Used:

- SMS (100% Polypropylene)
- Nylon zipper with Polyester tape
- Latex free elastic

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Physical Characteristics: Tests on fabric

Characteristics	Standard / Method	Results
Abrasion Resistance	EN 530 Method 2	Class 3
Trapezoidal tear resistance	EN ISO 9073-4 EN 1073-2	Class 3
Trapezoidal tear resistance	EN ISO 9073-4	Class 4
Tensile strength	EN ISO 13934-1	Class 2
Puncture resistance	EN 863 – EN 1073-2	Class 2
Puncture resistance	EN 863 – EN 13034	Class 2
Flex cracking resistance	EN 7854	Class 6
Blocking resistance	EN 25978-EN 1073-2	N.A
Ignition and flammability	EN 13274-4-EN 1073-2	Pass
Electric surface resistance	EN 1149-1/EN 1149-3	Pass
pH	EN ISO 13688-ISO 3071	Pass

Physical Characteristics: Tests on whole suits

Characteristics	Standard / Method	Results
Resistance to liquid penetration Spray test type 6	EN ISO 17491-4met. A-EN 10304	Pass
Resistance to aerosol penetration inward leakage type 5	EN ISO 13982-2 – EN ISO 13982	Pass
Nominal protection factor	EN ISO 13982-2-EN 1073-2	Class 1
Practical performance tests	EN 1073-2	Pass
Seam: Strength	EN ISO 13935-2	Class 3

Chemical Properties:

Chemical Properties:			
Resistance to penetration to liquid	EN ISO 6530 – EN 13034	H ₂ SO ₄ 30%:	Class 3
		NaOH 10%:	Class 3
		o-xilene	N.A
		Butan-1-ol:	N/A
Repellency to liquid	EN ISO 6530 – EN 13034	H ₂ SO ₄ 30%:	Class 3
		NaOH 10%:	Class 3
		o-xilene	N.A
		Butan-1-ol:	N.A



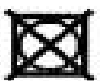




Limitations:

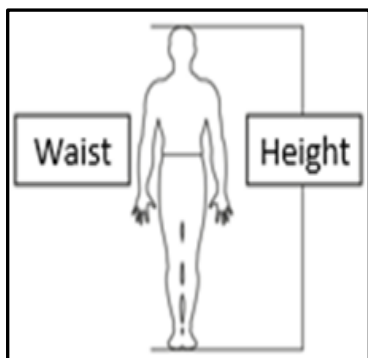
- Disposable item to be worn only once, replaced after use
- Exposure to certain chemicals or high concentrations may require higher barrier properties, either in terms of the performances of material or in the construction of the suit – such areas can be protected by garments in type 1 to type 2
- The user shall be the sole judge of suitability for type of protection required and correct combination of additional equipment required
- Garments are a partial protection and offer protection only for the part of the body effectively covered, so it shall be integrated, in function of destination use, with PPE adequate to protect parts of body uncovered (legs, torso, arms, head, hands, feet)
- Protection characteristics are valid only if the item is correctly fastened and closed
- Use within 5 years of manufacture – see packaging for expiry date

Warning:

- Choose products compatible to area of work
- If there are faults or damage to the product, then do not wear
- If damage occurs during use, then abandon your place of work to replace
- This item is flammable – keep away from fire
- Keep in a dry place away from light and heat
- Treat as textile waste if not contaminated
- Treat as harmful waste if contaminated and dispose of according to applicable regulations

CARE INSTRUCTION

						
Do not wash	Do not bleach	Do not tumble dry	Do not Iron	Do not dry clean	Flammable fabric	Do not reuse



Size Code	Chest		Height
S	36"-38"	92-96cm	164-172cm
M	38"-40"	96-101cm	172-180cm
L	42"-44"	106-111cm	172-180cm
XL	46"-48"	116-121cm	180-196cm
2XL	50"-52"	127-132cm	180-196cm
3XL	54"-56"	137-142cm	180-196cm
4XL	58"-60"	147-152cm	180-196cm