INSTRUCTIONS FOR USE

PROTECTIVE COVERALL
CLASS I TYPE 3 / 4
MODEL: **ALIVE PPE 9080**

PURPOSE: Alive PPE protective coverall is a protective clothing with limited life, EN ISO 13688:2013 general requirements for protective clothing. Type 3, Type 4 protection (according to EN 14605:2005+A1:2009), Type 5-B, 6-B Protection (according to EN 14126:2003/AC:2004)

Type 3 / 4 protective coverall is made of 100% polypropylene with a polyethylene film and is designed to protect workers from hazardous substances. It is used for chemical protective clothing offering limited protective performance against liquid chemicals Type 6, chemical protective clothing providing protection to the full body against air bone solid particulate Type 5, limited wear life clothing, protective clothing against infective agents for Type 5-B, 6-B.

PROPERTIES:

Hood: Two-panel hood
Cuff: Elastics
Zipper: one-sided zipper with self-adhesive flap,
Fabric: Nonwoven PP grammage=35 gr/m^2, PE film grammage=18 g/m^2, Hotmelt grammage=2 g/m^2 tolerance +-%10
Tape Band: Polypropylene blue

LIMITATIONS:

Exposure to certain chemicals or high concentrations may require higher protective properties through the material or construction properties of the coverall. The user will be the only one to assess compliance with the required type of protection and proper connection of the coverall with additional protective equipment.

METHOD OF PUTTING ON AND USING THE COVERALL:

Before use, check that the selected product is suitable for the existing hazard and in the correct size
Check visually that the coverall is intact (no piercing, no torn seams, etc.)
Remove the coverall from the packaging, open the zipper and put on the coverall. Fasten the zipper completely. Adhere the self-adhesive flap.
If protective gloves and/or shoe covers are used, seal the connection of the sleeves and gloves with the shoe covers with self-adhesive tape.

CONFORMITY WITH STANDARDS

EN ISO 13688:2013	General requirements for protective clothing.
EN 14126:2003/AC:2004	Protective clothing against infective agents for TYPE 4-B, 5-B, 6-B
TS EN 14605:2005+A1:2009	Liquid spray Type 4

SIZES AND DIMENSIONS OF BODY (CM)

	S	M	L	XL	2XL	3XL
Fr.Length from HPS	171,5	174	176,5	179	181,5	184,0
1 / 2 Chest	54,5	56,5	58,5	60,5	62,5	64,5
Sleeve Length	78,0	79,5	81,0	82,5	84,0	85,5

PRODUCT LABEL (EXAMPLE):

Producer: NARKONTEKS
TEKSTİL İHR.İTH.SAN. VE TİC.A.Ş.

Dogus Cd, 3/19 Sk, No:12, Begos 35160,
Buca/IZMIR/TURKEY - 0090-232-4408686

Style Code: ALIVE PPE 9080
CLASS I TYPE 3/4, CATEGORY 3

MAINTENANCE AND CLEANING:

EN14126:2003 AC:2004 | TS EN 14605:2005+ A1:2009 | EN ISO 13688:2013

CE 2163

8 682780 958126 S
8 682780 958379 M
8 682780 958386 L
8 682780 958393 XL
8 682780 958409 XXL
8 682780 958416 3XL

WARNINGS:

*Care should be taken when removing contaminated garments, so as not to contaminate the user with any hazardous substances. If garments are contaminated then decontamination procedures should be followed (i.e. decontamination shower) prior to the removal of the garment. This coverall is not designed for use in extreme environments.

*The wearing of chemical protective clothing may cause heat stress, if appropriate consideration is not given to the workplace environment and performance of the protective clothing in terms of comfort ratings. For advice on the suitability of the coverall in your environment please contact NARKONTEKS.

*Appropriate undergarments should be considered to minimise heat stress or damage to your garment. For advice please contact NARKONTEKS.

*The determination of suitability of NARKONTEKS products for an application is the final responsibility of the user. This product is recommended for single use application. Upon contamination wear are damage the garment should be removed and appropriately disposed of at the earliest convenience.

*Where NARKONTEKS products are used in conjuction with other PPE, and for full "Type" protection it is necessary to tape cuffs to gloves, ankles to boots, the hood to the respiratory device. The user shall be the sole judge for the correct combination of NARKONTEKS garment and additional PPE.

TRANSPORT, STORAGE AND DISPOSAL:

The product must be transported and stored in the original packaging in dry rooms away from sources of light and heat. If the coverall is not contaminated, they can be disposed of with solid municipal waste. If they have been contaminated, they must be disposed of in accordance with applicable lawsand regulations.

USETIME:

İt is suggested to use the product within a period of five years from the date of production written on label
Month and year of production: MM/YYYY

TEST REPORTS:

Test Requirement	Unit	Finding	Standard
The Average Thickness of the Material Tested	mm	0,22	ISO 16603
The Average Mass of the Material Tested	gr	0,3214	ISO 16603
Microbial Penetration - Dry Bacterium	log cfu	1,1	ISO 22612
Talc Concentration	cfu/g	4,1*108	ISO 22612
Microbial Penetration - Wet Bacterium Bacillus atrophaeus Concentration	spores/mL	6,2*103	ISO 22610
Pathogen Penetration Hydrostatic Pressure	kPa	20	ISO 16604
Pre-test Bacteriophage Titer	pfu/mL	3,4*10^8	ISO 16604
Post-test Bacteriophage Titer	pfu/mL	3*10^8	ISO 16604

Test Requirement	Finding	Standard
Abrasion	Class 6	EN ISO 12947-2
Water Permeability	Class 6	EN ISO 20811:2018
Tear Strength	Class 1	TS EN ISO 9073-4:2002
Tensile Strength	Class 1	EN ISO 13934-1:2013
Repellency to Liquids	Class 3	EN ISO 6530:2005
Resistance To Penetration By Liquids	Class 3	EN ISO 6530
Seam Strength	Class 1	ISO 13935-2:2014
Puncture Resistance	Class 1	EN 863
Determination of resistance to damage by flexing	Class 3	ISO 7854:1995

Pre-exercise Test - Jet Test	Type	Standard
Resistance To The Penetration Of Liquits (determination of resistance to penetration by a jet of liquid)	Type 3	EN 14605+A1:2009 EN ISO 17491-3
Pre-exercise Test - Spray Test	**Type**	**Standard**
Resistance To The Penetration Of Liquits (determination of resistance to penetration by a spray of liquid)	Type 4	EN 14605+A1:2009 EN ISO 17491-4

FABRIC TEST RESULTS

TEST REQUIREMENT	UNIT	TARGET	TOLERANCE	AVERAGE	TEST METHOD
Nonwoven Grammage	[g/m^2]	35	± %10	35,3	EDANA 40.3-90
PE Grammage	[g/m^2]	18	± %10	18,4	EDANA 40.3-90
Hotmelt Grammage	[g/m^2]	2	± %10	2,05	EDANA 40.3-90
Total Grammage	[g/m^2]	55	± %10	55,75	EDANA 40.3-90
Tensile Strength MD	[N/25mm]	60	± %20	59,0	EDANA 20.2.89
Tensile Strength TD	[N/25mm]	30	± %20	34,0	EDANA 20.2.89
Elongation at Break MD	%	50	± %20	45,0	EDANA 20.2.89
Elongation At Break TD	%	80	± %20	77,0	EDANA 20.2.89
Tearing Resistance MD	gf	1100	± %20	1200,0	ASTM B1424
Tearing Resistance CD	gf	1800	± %20	1780,0	ASTM B1424
Water Vapour Transfer Rate	g/m 2.6 hours	> 1500	± %20	3700,00	ASTM E 398
Lam. Peeling Strength	[N/25mm]	2	± %20	2,01	EDANA 401.0.R0
Spectrophotometry	AE	< 2.5	± %20	-	ISO 13655
Opacity	%	-	± %20	-	ASTM D1746
Hydro Head	[mmH2O]	> 900	± %20	2700	DIN-EN 20811
Abrasion Resistance Martindale	[EMPA Standard]	1_5	± 1	5	EDANA 020.5.R0
Printing Tolerance	mm	< 0.5	± %20	-	HNR

EU TYPE EXAMINATION CERTIFICATE

Hereby the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the category III, product models given above, with the below requirements;

-Issuing an appropriate EU Declaration of Conformity according to Personel Protective Equipment Regulation (EU) 2016/425 Annex 9.

-Ongoing successful performance in fulfillment of the requirements set out in **Personel Protective Equipment** Regulation (EU) 2016/425 and harmonised standards, ensured by assessments based on Annex 7 (Module C2) of the regulation.