

General description and User guide

EAGIS®2102 provides protection (EN 14126) from virus, bacteria, blood, pathogen. Also provide high physical strength, chemical barrier, and convenience.

Features & Benefits

- 1) It achieves the highest levels against infective agents.
- 2) Enhance worker's convenience & activity
 - Moisture vapor permeable ("breathable")
 - High physical strength
- 3) Anti-static - Tested according to EN 1149-1
- 4) Low linting - Reduced risk of contamination in critical areas

Fabric Performance (Technical data)

Properties		Test Method	EAGIS®2102		
			Result	EN	
Physical Properties	Weight	DIN EN ISO 536	63g/m ²	N/A	
	Color	N/A	White(Glossy)	N/A	
	Abrasion resistance	EN 530 Method 2	>100 cycles	2/6	
	Flex cracking resistance	EN ISO 7854 Method B	>100,000 cycles	6/6	
	Punctual resistance	EN 863	>5 N	1/6	
	Tear strength	MD	EN ISO 9073-4	57.6N	2/6
		CD		22.9N	
	Tensile strength	MD	DIN EN ISO 13934-1	190N	3/6
		CD		130N	
	Water vapor permeability		ASTM E96	5,759g/(m ² ·24h)	N/A
		ISO 11092	13.39m ² ·Pa/W	N/A	

	Air permeability		KS K 0570: 2006	3.1 cm³/min/cm²	N/A
	Surface resistance (at RH25%)		EN 1149-1	Pass	N/A
Protection against liquid chemicals	NaoH(10%)_P (Permeation)	MD	ISO6530	0%	3/3
		CD	ISO6530	0%	3/3
	30% Sulfuric acid_P (Permeation)	MD	ISO6530	0%	3/3
		CD	ISO6530	0%	3/3
	NaoH (10%)_R (Repellency)	MD	ISO6530	96.0%	3/3
		CD	ISO6530	95.4%	3/3
	30% Sulfuric acid_R (Repellency)	MD	ISO6530	95.5%	3/3
		CD	ISO6530	94.1%	2/3
Protection against biological agents (EN14126)	Synthetic Blood (Pre test for ISO 16604)		ISO 16603	20kPa	6/6
	Bacteriophage (Phi-X174)		ISO 16604	20kPa	6/6
	Solid Particles		ISO 22612	log cfu <1	3/3
	Resistance to microbial penetration-aerosol		ISO 22611	3<log<5	2/3
EN13795	Contaminated Liquids		EN ISO 22610/ EN13795	15min,Ib 6.0	High performance

Tested by KATRI & FITI in Korea & Nelson lab in US.

The upper tables show the performance of these products when tested under laboratory conditions. Please note that the tests may not reflect the reality

of use and do not account for factors such as excessive heat and mechanical wear. The data listed in the upper tables is based on one sample only.

Applications

- Viral contaminated areas (including Avian Influenza)
- Biological protection
- Emergency medical response
- Medical research
- Chemical and pharmaceutical industries
- Low pressure industrial cleaning
- Industrial paint spraying

Suit Features

- 3-pieces hood
- Elasticated hood, wrist, waist and ankles
- Front zip with adhesive flap

Sizes: M-2XL **Color:** White (Glossy)

Stitched & Taped Seams (Model No.102)

Superior strength, liquid and particle barrier

EAGIS®2102 coveralls is made under European Norms

EN 14605: 2005 *Type 4 (Limited life, full body chemical protective clothing with spray tight connections)*

EN ISO 13982-1: 2004 *Type 5 (Limited life, full body protection against airborne solid particulates)*

EN 13034: 2005 *Type 6 (Limited life, full body chemical protective clothing against liquids)*

EN 14126: 2003 *4-B, 5-B, 6-B (Limited life, full body protective clothing against infective agents)*

EN 1149-5: 2008 - Protective clothing - Electrostatic properties

Care instructions

- The wearer should read and understand user guide before using garment.
- Single use only (Disposable)
- Keep the garment in Dry, clean place in original packaging.
- Please avoid storage in humid places, high/low temperature environments, and direct exposure to chemicals/heat/sunlight. It is recommended to store the package in 15°C~25°C (59°F~77°F).
- Please do not use the suit near flame or heat of over 70°C.
- To protect wrists and ankles, extra supplement is required in special condition.
- Please be careful when taking off and dispose the used suit to prevent from infection.
- Please be aware that it can't defend completely in all situation (The test result is from specific situation, not all situation).
- The garment should not be used in situation that have not been tested.

- The user needs to choose the right type of protective gear for each situation.
- The user needs to determine how long to wear the garment.
- The product must be worn in clean area.
- The performance of product can decline due to passage of time (sunlight, temperature, heat, chemical etc. can affect the performance of garment).
- The user needs to should the appropriate size.
- Please check if it is worn correctly.
- Please check the protective cloth strictly before wearing it. (Do not wear if it is not integrity)
- Please check the fit of garment if you can move comfortably and not too much excessive space left.
- Remove jewelry, watch, and anything else that can damage the garment and interrupt the movement.
- Please ensure that zip is fully upped and fix it with tape on zip cover.
- EASYCHEM Inc. does not have responsibility for improper use.
- EASYCHEM Inc. does not have responsibility to compensate to purchaser or commercial user for injury (including death) of any person or loss of property and etc.

Labelling

- Keep away from heat and flame
- Do not reuse
- Do not wash
- Do not dry clean
- Do not iron
- Do not tumble dry
- Do not bleach

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