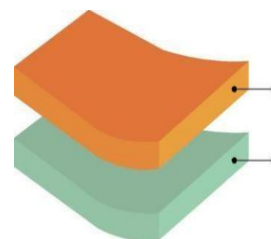


PRODUCT TECHNICAL DATA SHEET**PRODUCT BRAND NAME ZC3B-53L****MANUFACTURER: PORTAVITA SRL****ADRESS:** Republic of Moldova, Chisinau str. Petricani 17/22**COUNTRY OF ORIGIN:** Republic of Moldova**Regulatory Authority**

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ON 092

(EC Notified Body Number 2756)

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EU-type examination certificate no. 3545 (EU 2016/425)
Notified Body: 2756

Standards used for product are:

- SR EN 13034+A1:2010 (EN13034:2005+A1:2009)
- SR EN ISO 13688:2013 (EN ISO 13688:2013)
- SR EN 340:2004 (EN 340:2004)
- SR EN 14325:2004 (EN 14325:2004)
- SM EN 13795-1:2019

Our product are intended use: to protect skin and prevent soiling or contamination of clothing during procedures expected to have fluid that might penetrate the protective suite.

**FABRIC NAME: LAMINATED SPUNBOND (ANTISTATIC) + PE FILM
BREATHABLE HOTMELT**

FABRIC DESCRIPTION:

Manufactured using 100% polypropylene and Polyethylene

laminated with hotmelt glue.

Composition:

Spunbond antistatic	100% PP	35gsm
Hotmelt glue		3gsm
Breathable film	100%PE	15gsm

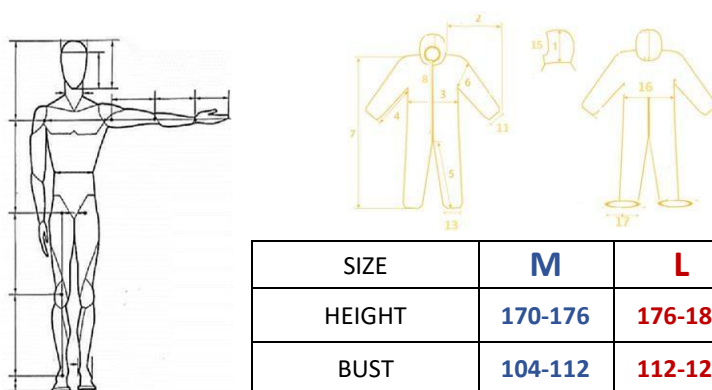


Key Futures:

- Elasticated hood around face.
- Elasticated cuffs and ankles.
- Resistance to moisture.
- Stitches are taped
- Zipper with re-sealable flap protecting leakage through seams.

MATERIALS

Suit	Polypropylene / Polyethylene
Zipper	Metal / Polyester braid
Elastic	Polyester Knitted elastic
Thread	Polyester

SIZING

SIZE	M	L	XL	XXL	XXXL	4XL
HEIGHT	170-176	176-182	182-188	188-194	194-200	200-206
BUST	104-112	112-120	120-128	128-136	136-144	144-152

PATTERN: ZC3B SIZES:	M	L	XL	XXL	XXXL	4XL
1. Hood Height	33,5	34	34,5	35	35,5	36
2. The width of the overalls on the shoulder (from the neck to the edge)	89	91,2	95,2	99,3	103,4	107,4
3. The width of the overall along the chest line	61	64	67	70	73	76
4. Sleeve length on the inside	53,4	54	56,4	58,8	61,2	63,6
5. Leg length at the seam	75	77,5	81	84,5	87,8	91,2
6. Sleeve width at the top	25,7	26,5	27,2	28	28,7	29,5
7. Overalls length (from neck to bottom + 1cm)	169,5	173,5	178,5	183,5	188,5	193,5
8. Zip length (finished)	84	85	86	87	88	89
9. Zip length (to cut)	88	89	90	91	92	93
10. Bottom of the sleeve (extended) 1/2	19,5	20	20,5	21	21,5	22
11. Bottom of the sleeve (relaxed) 1/2	8	8	8	9	9	9,5
12. Bottom of trousers (extended) 1/2	26	27	28	29	30	31
13. Bottom of trousers (relaxed) 1/2	13	13,5	14	14,5	15	15,5
14. The length of the hood along the edge (extended)	44,5	45	46,5	47,5	48,5	50

15. The length of the hood around the edge (relaxed)	21	21	21	22	22	22
16. Elastic band on a waist (on a back)	38	40	44	46	48	50
17. The length of the shoe covers	41,5	42,5	43,5	44,5	45,5	46,7

Use Limitations

Do not use for:

- Contact with heavy oils, sparks or flame, or combustible liquids
- Environments with high mechanical risks (abrasions, tears, cuts)
- Environments with exposure to hazardous substances
- Environments with conditions of excessive heat

Storage and Disposal

- Store in dry, clean conditions in original packaging
- Store away from direct sunlight, sources of high temperature, and solvent vapours
- Store within the temperature range -10°C to +20°C and with relative humidity below 80%
- Shelf life is three years from date of manufacture when stored as stated above
- Replace garments if damaged, heavily contaminated or in accordance with local work practice
- Handle and dispose of contaminated garments with care and in accordance with national regulations

Applications and Performance

Non-Hazardous Particulates	Yes
Non-Hazardous Liquid Splash	Yes
Non-Hazardous Liquid Spray	Yes
Liquid Continuous Contact	Yes, if chemical is compatible with suit material
Gases and Vapours	No
Hazardous Dusts & Fibres	Yes
Hazardous Liquid Splash	Yes, if chemical is compatible with suit material
Hazardous Liquid Spray	Yes, if chemical is compatible with suit material
Acids/Alkalis	Yes, if chemical is compatible with suit material
Organic Solvents	Yes, if chemical is compatible with suit material

TECHNICAL DATA

The following tables show the performance of this product 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. Laborator Ekoteks www.ekoteks.com Test reference number 20013726.

Test Method	Result	EN Class
Fabric Physical Test according to EN 14325: 2004 Abrasion Resistance En ISO 12947-2 ANNEX B	2000	6 of 6
Fabric Physical Test according to EN 14325: 2004 Tear Resistance TS EN ISO 9073-4:2002	36.5N	2 of 6
Fabric Physical Test according to EN 14325: 2004 Tensile Strength ISO 13934-1:2013	34.9N	1 of 6
Other Pshyical Data Hydrostatic Head (water pressure test) BS EN 20811	>200 mm	3 of 6
Chemical Repellence EN368/EN ISO 6530* 30% Sulphuric Acid	96.7%	3 of 3
Chemical Repellence EN368/EN ISO 6530* 10% Sodium Hydroxide	87%	2 of 3
Chemical Repellence EN368/EN ISO 6530* o-Xylene	86.9%	2 of 3
Chemical Penetration EN368/EN ISO 6530* 30% Sulphuric Acid	0.0%	3 of 3
Chemical Penetration EN368/EN ISO 6530* 10% Sodium Hydroxide	0.0%	3 of 3
Chemical Penetration EN368/EN ISO 6530* o-Xylene	1.1%	2 of 3
Chemical Repellence EN14325-2004 Butan-1-ol	95%	3 of 3
Chemical Penetration EN14325-2004 Butan-1-ol	<1.1%	3 of 3
ASTM E2149:2013a AntiMicrobial activity Staphylococcus aureus (ATCC 6538 (Gram(+))). Result: 99,5%		
EN22610:2006 Resistance to Wet-Bacterial Penetration Staphylococcus aureus (ATCC 29213). Result 4,2		

Important Notice

All chemical tests and breakthrough times given relate to laboratory tests on fabrics only. Seams and closures may have lower breakthrough times, particularly when worn or damaged. It is the user's responsibility to select an appropriate garment, gloves, boots and other equipment for the particular use. The user shall be responsible for determining how long the garment can be worn for the particular use and whether it can be suitably cleaned for re-use. Portavita does not give any warranties or make any representations about its garments other than those contained in the official literature supplied by Portavita with each garment.