



PRODUCT

Vinyl Gloves - Powder Free 12in

TECHNICAL DATASHEET

DESCRIPTION

These powder-free vinyl gloves from Integrity are designed for ISO 5 environments with a 12in length, providing extended coverage. They are cleanroom bagged, double bagged in bulk pack of 100 gloves.

These ambidextrous gloves are ESD safe and therefore suitable for use in the microelectronics, semiconductor, pharmaceutical, aerospace, automotive, and medical industries. 5 year shelf life from date of manufacture.

PROPERTIES

TEST ITEM	TEST METHOD	RESULT
Surface resistance	ASTM D257-93 Analysis performed by Resistance meter	5×10^8 ohms
Particle (Wet) ≥ 0.1 µm ≥ 0.2 µm ≥ 0.5 µm ≥ 1.0 µm	IENT-RP-CC005.4 method Analysis performed by Helmke-Yeich Tumble Drum Air Particle counter	7460000 count/cm ² 507000 count/cm ² 2200 count/cm ² 440 count/cm ²
Particle (Dry) ≥ 0.3 µm ≥ 0.5 µm ≥ 1 µm	IENT-RO-CC003.3 method	293 count/m ³ 187 count/m ³ 38.8 count/m ³
Ions (PPM)	IEC 62321-5:2013	Cd N.D. Pb N.D. Hg N.D. Cr(VI) N.D.

To request a quotation or for more information, please call **+44 (0)1473 836205**
email info@integritycleanroom.co.uk or visit www.integritycleanroom.co.uk

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PROPERTIES CONTD.

TEST ITEM	CAS NO.	TEST METHOD	RESULTS	LOQ/LOD
Aluminium (Al)	-	IEST-RP-C005.4 method. Analysis performed by ICP/MS	no data	0.0010
Calcium (Ca)	7440-70-2		0.0357 µg/cm ²	0.0010
Iron (Fe)	-		no data	0.0010
Potassium (K)	7440-09-7		no data	0.0010
Boron (B)	7440-42-8		no data	0.0010
Magnesium (Mg)	7439-95-4		0.0127 µg/cm ²	0.0010
Manganese (Mn)	7439-96-5		no data	0.0010
Sodium (Na)	7440-23-5		0.165 µg/cm ²	0.0010
Zinc (Zn)	7440-66-6		0.0408 µg/cm ²	0.0010
Lithium (Li ⁺)	17341-24-1	IEST-RP-CC005.4 method Analysis was performed by IC.	no data	0.0010
Sodium (Na ⁺)	17341-25-2		0.167 µg/cm ²	0.0010
Ammonium (NH ₄ ⁺)	14798-03-9		no data	0.0010
Potassium (K ⁺)	24203-36-9		no data	0.0010
Calcium (Ca ²⁺)	14102-48-8		0.0503 µg/cm ²	0.0010
Magnesium (Mg ²⁺)	14581-92-1		0.0107 µg/cm ²	0.0010
Fluoride (F ⁻)	16984-48-8		no data	0.0010
Chloride (Cl ⁻)	16887-00-6		0.0475 µg/cm ²	0.0010
Nitrate (NO ₂ ⁻)	14797-65-0		no data	0.0010
Bromide (Br ⁻)	24959-67-9		no data	0.0010
Nitrate (NO ₃ ⁻)	14797-55-8		no data	0.0010
Phosphate (PO ₄ ³⁻)	98059-61-1		0.0246 µg/cm ²	0.0010
Sulfate (SO ₄ ²⁻)	14808-79-8		0.0459 µg/cm ²	0.0010

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SIZING

SIZE	SMALL		MEDIUM		LARGE		X-LARGE		TEST CODE
MEASUREMENTS (±5%)	MM	IN	MM	IN	MM	IN	MM	IN	ASTM D5250
Width of palm	88	3.5	98	3.9	108	4.3	113	4.4	
Total length from tip middle finger to cuff	300	12	300	12	300	12	300	12	

PRODUCT CODE	DESCRIPTION	SIZE	PACK QUANTITY
600-0640	Integrity 12 Inch Vinyl Gloves	Small	100 gloves
600-0641	Integrity 12 Inch Vinyl Gloves	Medium	100 gloves
600-0642	Integrity 12 Inch Vinyl Gloves	Large	100 gloves
600-0643	Integrity 12 Inch Vinyl Gloves	X-Large	100 gloves

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