

Isofield Volta

Sterile 300mm (12")
Cleanroom Nitrile
Hand Specific Gloves

PRODUCT INFO

GMP Grade A compatible
ISO Class 4 & 5 compatible
Sterile
Nitrile
Neon green colour
300mm (12")
Hand specific
Textured fingers
Beaded cuff
Accelerator free
Low endotoxin levels
Tested against a range of chemotherapy drugs

QUALITY ASSURANCE

Manufactured in a facility operating under
ISO 9001:2015 quality management system
Processed in a NEBB certified ISO Class 5
Cleanroom
Physical properties comply with European
medical glove standard EN455-2:2015

STERILIZATION

Gamma irradiation, Minimum 25 kGy

SHELF LIFE

Three (3) years from date of manufacture

STORAGE

Store in a dry, cool place (<40°C) away from
direct sunlight. Do not expose open cartons
to prolonged direct fluorescent light

PACKING

One pair per inner PE wallet,
One PE wallet per sealed PE pouch,
10 pouches per PE bag,
20 sealed PE bags per lined carton (200 pairs)



PRODUCT CODE

REF 20530

SIZE 6.0	2053060
SIZE 6.5	2053065
SIZE 7.0	2053070
SIZE 7.5	2053075
SIZE 8.0	2053080
SIZE 8.5	2053085
SIZE 9.0	2053090
SIZE 10.0	20530100



PHYSICAL PROPERTIES

THICKNESS, SINGLE WALL	MM*	MILS	TEST METHOD
Finger tip	0.16	6.0	EN455-2:2015
Palm	0.14	5.5	
Cuff	0.09	3.54	

* +/- 0.02mm

LENGTH	MIN	TYPICAL	TEST METHOD
From tip of middle finger to edge of cuff	290mm	300mm	EN ISO 21420:2020

STRENGTH PROPERTIES	FORCE AT BREAK	TEST METHOD
Throughout shelf life	≥ 6.0 N	EN455-2:2015

FREEDOM FROM HOLES	PERFORMANCE	TEST METHOD
Acceptable Quality Level (AQL)	0.65 - Level 3 of 3	EN374-2:2016

CLEANLINESS PROPERTIES

PARTICLES	TYPICAL PARTICLE COUNT	TEST METHOD
≥ 0.5µm (counts/cm ²)	1800	IEST-RP-CC005.4

EXTRACTABLES (ION)	TYPICAL VALUE (µg/cm ²)	TEST METHOD
Fluoride (F)	ND	IEST-RP-CC005.4
Chloride (Cl)	0.110	
Bromide (Br)	ND	
Nitrate (NO ₃)	0.318	
Phosphate (PO ₄)	ND	
Sulphate (SO ₄)	0.021	
Sodium (Na)	0.006	
Ammonium (NH ₄)	0.014	
Potassium (K)	0.034	
Calcium (Ca)	0.522	
Magnesium (Mg)	ND	
Zinc (Zn)	ND	

* ND = Not Detected

PERMEATION TEST AGAINST CHEMO DRUGS

CHEMOTHERAPY DRUGS	BREAKTHROUGH TIME	TEST METHOD
Carmustine	48min	ASTM D 6978-05
Cisplatin	>240min	ASTM D 6978-05
Cyclophosphamide	>240min	ASTM D 6978-05
Doxorubicin HCl	>240min	ASTM D 6978-05
Etoposide	>240min	ASTM D 6978-05
Fluorouracil	>240min	ASTM D 6978-05
Methotrexate	>240min	ASTM D 6978-05
Paclitaxel	>240min	ASTM D 6978-05
Thiotepa	108min	ASTM D 6978-05

