

VWR® CLEANROOM APPAREL

Sterile and non sterile disposable cleanroom garments, face masks, goggles and gloves





designed for production

Non sterile personal protective equipment and critical environment disposable garments

A range of non sterile products particularly designed to meet any single-use garment requirements within a production area. From a simple lab coat or SPP coverall, through to a microporous coverall which is Cat III Type 4/5/6, or an SMS coverall with hood which is both categorised as PPE Cat III Type 5/6 and suitable for use in ISO 5/6 cleanrooms.

Labcoat, SPP, 2 pockets, press stud closure

- White SPP material 45 g/m²
- Tailored collar and open cuffs
- Individually packed 1 piece/bag



Coverall SPP with hood

- White anti-static SPP material 50 g/m² with serged seams
- · Elasticated cuffs, ankles, hood and waist
- Individually packed 1 piece/bag



Size	Pk	Cat. No.
Medium	50	113-8297
Large	50	113-8298
X-Large	50	113-8299
XX-Large	50	113-8302
XXX-Large	50	113-8303
XXXX-Large	50	113-8304

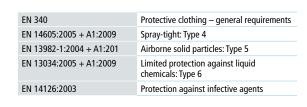
Size	Pk	Cat. No.
Medium	50	113-8305
Large	50	113-8306
X-Large	50	113-8307
XX-Large	50	113-8308
XXX-Large	50	113-8309
XXXX-Large	50	113-8310



Coverall with hood certificated as PPE Cat III Type 4, 5 and 6

- White microporous material 60 g/m² with seams sealed with dark green tape
- Zip closure covered by a flap
- · Elasticated cuffs, ankles, hood and waist
- Individually packed 1 piece/bag

Level I acc. IEST-RP-CC003.3 suitable for use in ISO 7/8 cleanrooms.



Size	Pk	Cat. No.
Small	50	113-8231
Medium	50	113-8232
Large	50	113-8233
X-Large	50	113-8234
XX-Large	50	113-8235
XXX-Large	50	113-8236



Coverall SMS with hood certificated as PPE Cat III Type 5 and 6

- White, anti-static, SMS material 60 g/m² with serged seams
- Zip closure covered by a flap
- · Elasticated cuffs, ankles, hood and waist
- Individually packed 1 piece/bag

Level I acc. IEST-RP-CC003.3 Suitable for use in ISO 5/6 cleanrooms

EN 340	Protective clothing – general requirements
EN 13982-1:2004 + A1:2010	Airborne solid particles: Type 5
EN 13034:2005 + A1:2009	Limited protection against liquid chemicals: Type 6
EN 1149-5:2008	Anti-static

Size	Pk	Cat. No.	
Small	50	113-8225	
Medium	50	113-8226	
Large	50	113-8227	
X-Large	50	113-8228	
XX-Large	50	113-8229	
XXX-Large	50	113-8230	

Sterile cleanroom garments for production or research

Category III, Type 5/6 sterile garments provided individually wrapped in convenient easy tear double-bags.

Flexible choice: Hooded coverall, sleeve covers or full garment set

Quality assured: Low particle shedding 60 g SMS, gamma sterilised to SAL 10-6 and certificate of sterility provided.

Comfortable, safe and easy to wear

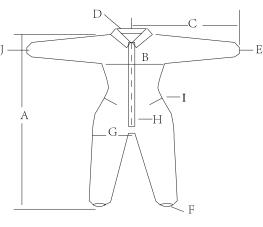
Sterile cleanroom single-use garment set

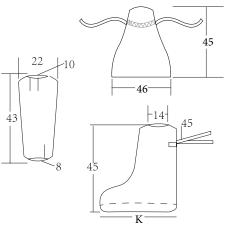
- Coverall, hood, boots and sleeves all separate
- 60 g white SMS coverall with collar and bound seams
- Elasticated at wrist, ankle and back for tighter fit and easy donning
- Bi-directional zip down front
- Boots with an anti-skid PU sole
- Raglan sleeves with thumb loop (latex-free)
- Individually double-bagged pieces are in a liner inside a case 1 piece/bag, 20 bags/case
- Certificated as PPE Cat III Type 5 and 6

Level I acc. IEST-RP-CC003.3 Suitable for use in ISO 5/6 cleanrooms









Specifications

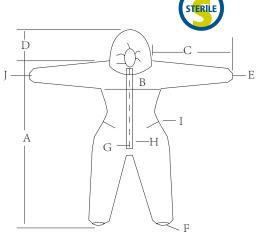
Dimensions in cm

		•											
Size	Α	В	С	D	E	F	G	Н	1	J	K	Pk	Cat. No.
S	166	57	85	25	8/18	12/24	29	70	35	15	42	20	113-7875
М	169	60	86	25	8/18	12/24	32	70	35	15	42	20	113-7876
L	176	63	90	25	8/18	12/24	35,5	70	40	15	42	20	113-7877
XL	178	66	92	25	9/20	13/26	36,5	75	40	15	44	20	113-7878
XXL	186	74	98	25	9/20	13/26	39	75	45	15	44	20	113-7879
XXXL	192	79	99	25	9/20	13/26	43	75	45	15	44	20	113-7880
Tolerance	±3	±2	±3	±1	±1	±1	±1	±2	±2	±1	±1		



Sterile cleanroom single-use coverall with hood

- 60 g white SMS with bound seams
- Elasticated at wrist, ankle and back for tighter fit and easy donning
- Bi-directional zip down front
- Raglan sleeves with thumb loop (latex-free)
- Individually double-bagged pieces are in a liner inside a case 1 piece/bag, 20 bags/case
- Certificated as PPE Cat III Type 5 and 6



Level I acc. IEST-RP-CC003.3 Suitable for use in ISO 5/6 cleanrooms

Specifications Dimensions in cm

Size	А	В	С	D	E	F	G	Н	I	J	Pk	Cat. No.
S	166	57	85	28	8/18	12/24	29	72	35	15	20	113-7881
M	169	60	86	28	8/18	12/24	32	73	35	15	20	113-7882
L	176	63	90	28	8/18	12/24	35	82	40	15	20	113-7883
XL	178	66	92	28	9/20	13/26	36	82	40	15	20	113-7884
XXL	186	74	98	28	9/20	13/26	39	82	45	15	20	113-7885
XXXL	192	79	99	28	9/20	13/26	43	85	45	15	20	113-7886
Tolerance	±2	±2	±2	±2	±1	±1	±1	±2	±3	±1		



Cleanroom sterile tapered sleeves

- 60 g white SMS
- Individually double-bagged pieces are in a liner inside a case 1 pair/bag, 150 bags/case



Level I acc. IEST-RP-CC003.3 Suitable for use in ISO 5/6 cleanrooms

Specifications Dimensions in cm

Size	Α	В	B1	С	C1	Pk	Cat. No.
U	43	10	22	8	19	150	113-7887
Tolerance	±1	±1	±1	±1	±1		

Note: B, C relax dimension; B1, C1 stretch dimension.

Cleanroom face masks

A range of flat-face masks and duck bill style, sterile or non sterile with various fastening options.



Cleanroom flat-face masks

Technical specifications

Test item	Result	Test standard
Physical property		
Particle shedding (particles: >0,5 μm/cu. ft.)	196	IEST-RP-CC003.3
Barrier property		
Bacterial filtration efficiency* (%)	>94,3	ASTM F2101
Particle filtration efficiency [†] (%)	>99	ASTM F2299
Comfort property		
Delta P breathability (mm H ₂ O/cm ²)	1,9 - 2,2	MIL-M-36954C

- * Control average: 1939 colony-forming units. Mean particle size: 2,9 μm.
- † Particle size: 0,1 μm.



Maximum non sterile cleanroom masks

Three layers of protection

- Outer layer: 28 g/m² non woven polypropylene
- Filter media: 23 g/m² melt-blown polypropylene
- Inner layer: 21 g/m² thermally-bonded, non woven polypropylene

Colour	Packed	Style	Pk	Cat. No.
Blue	50 masks/bag, 10 bags/case	With ear loops	500	113-6220
White*	50 masks/bag, 10 bags/case	With ties	500	113-6221

^{*}Pigment- and dye-free.



Maximum moisture resistant sterile cleanroom masks

Three layers of protection

- Outer layer: 21 g/m² thermally-bonded, non woven polypropylene
- Filter media: 25 g/m² melt-blown polypropylene
- Inner layer: 24 g/m² film

Colour	Packed	Style	Pk	Cat. No.
White sterile*	50 masks/bag, 10 bags/case	With ear loops	500	113-6222

^{*}Pigment- and dye-free.



Cleanroom sterile and non sterile duck bill face masks

Technical specifications

Test item	Result	Test standard
Physical property		
Particle shedding (particles >0,5 µm/cu. ft)	68	IEST-RP-CC003.3
Barrier property		
Bacterial filtration efficiency * (%)	>99/>90 (sterile version)	ASTMF2101
Particle filtration efficiency **(%)	>97/>90 (sterile version)	ASTMF2299
Comfort property		
Delta P breathability (mm H ₂ O/cm ²)	3,4	MIL-M-36954C

^{*} Control average: 2231 colony-forming units. Mean particle size: 3,0 μm. **Particle size: 0,1 μm.

Hood loops







Three layers of protection

- Outer layer: 28 g/m² non woven polypropylene
- Filter media: 25 g/m² melt-blown polypropylene
- Inner layer: 25 g/m² non woven polypropylene

Ties













Style	Sterility	Packed	Pk	Cat. No.
Hood loop	Sterile*	10 masks/bag, 20 bags/case	200	113-8681
Ear loop	Sterile*	10 masks/bag, 20 bags/case	200	113-8682
Ties	Sterile*	10 masks/bag, 20 bags/case	200	113-8683
Hood loop		10 masks/bag, 20 bags/case	200	113-8684
Ear loop		10 masks/bag, 20 bags/case	200	113-8685
Ties		10 masks/bag, 20 bags/case	200	113-8686

^{*}Individually packed.



PRODUCTION OF CYTOTOXIC DRUGS

Combining employee protection, product integrity and patient safety.

Explore products, processes and services to support you at vwr.com with our dedicated publication.





Autoclavable cleanroom goggles suitable for ISO Class 4 cleanroom environments

VWR autoclavable cleanroom goggles are designed for use in controlled environments where product protection is paramount. They are processed and packed in an NEBB Certified ISO Class 4 (Class 10) cleanroom.

- · Packaging is amine- and amide-free
- Thermoplastic formulated frame for comfortable seal
- Upper and lower ventilation holes allows good airflow, reducing misting
- · Excellent panoramic view and adjustable straps
- Replacement lens available
- Autoclavable, tested over 40 cycles at 121 °C for 20 minutes (goggles need to be removed from the PE bag prior to being autoclaved)
- EN 166:2001 Optical Class 1

Technical specifications		
Colour	Frame: White	
	Strap: Blue	
Material	Body: Thermal plastic	
	Lens: Polycarbonate	
	Strap: Silicone	
	Strap hooks: Polypropylene	

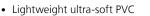
Properties	
Size	Universal
Total weight	103 g
Lens thickness	3,1 mm
Bridge width	70 mm
Bridge height	26 mm
Overall width (hinge to hinge)	190 mm
Overall height	8,5 mm

Pk 10

Cat. No. 111-0614



Sterile disposable cleanroom goggles suitable for ISO Class 4 cleanroom environments



- Toughened polycarbonate lens with anti-fog and anti-scratch coating
- Silicone, latex-free adjustable strap
- Indirect ventilation with 4 LDPE ventilation caps
- EtO sterilised
- Can be worn over spectacles
- EN 166:2001 Optical Class 1, PPE Directive 89/686/EEC, Cat. 2
- Packaging: One piece per sealed Tyvek[™]/PE bag 10 bags per outer Tyvek[™]/PE bag

Technical specifications	s
Colour	Frame: Transparent
	Strap: Transparent
Material	Body: PVC
	Lens: Polycarbonate
	Strap: Silicone

Properties	
Size	Universal
Total weight	74 g
Lens thickness	2 mm
Bridge width	50 mm
Bridge height	25 mm
Overall width (hinge to hinge)	155 mm
Overall height	85 mm

Pk. Each

Cat. No. 111-0615



HELPING YOU TO ACHIEVE INNOVATION FASTER

Delivering complete solutions in and around the laboratory and production area

Find out how at vwr.com/vwrcatalyst



VWR® CLEANROOM STERILE AND NON STERILE NITRILE GLOVES





Sterile and non sterile cleanroom gloves

White single-use gloves for reliable, durable and comfortable hand protection during demanding cleanroom applications.

VWR cleanroom nitrile gloves are manufactured from a synthetic co-polymer of acrylonitrile, butadiene and methylacrylic acid (components that comply with FDA CFR 21). These gloves exhibit high tensile strength and strong permeation resistance against a wide variety of solvents, acids and bases. Containing no natural rubber latex, the silicone-free material minimises ionic contaminants and Non Volatile Residue (NVR) transfer. Overall length 300 - 310 mm.

These non staining, non smudging gloves have exceptionally low particle counts reducing the risk of contamination to parts, or components being handled by the user, even during prolonged wear. They are also static-dissipative to inhibit harmful static discharge.

To support cleanroom donning protocols, gloves are double-bagged in sealed polyethylene cleanroom bags. Each carton is double-walled. IPA resistant ink is used on bags and carton labels.

Gloves are rigorously tested and manufactured in an ISO 9001 certified facility under stringent process controls to ensure that each product meets exacting quality standards and performs to specification. Our products are lot-controlled and validated through independent lab testing. The gloves have been subject to an EC Type examination certification in accordance with Article 10 of the PPE Directive (89/686/EEC) and are classified under the PPE Category III Complex Design. Sterilisation by gamma irradiation to SAL 10⁻⁶. AQL level 1,5 for pin holes. Certificates of Conformity (CoC), Certificates of Irradation (CoI) and Certificates of Analysis (CoA) are available upon request.

Technical data

Test item		Result		Test standard
Physical properties	Non s		Sterile	
	ISO Class 4	ISO Class 5	Grade A	
Tensile strength (MPa)		≥18		
Modulus at 300% (MPa)		≤9		ASTM D412
Ultimate elongation (%)		≥500		
Static dissipative properties				
Surface resistivity (max. Ohms at 50% RH)		1011		ASTM D257, ESD S11.11
Electrostatic decay (max. seconds at 50% RH)		2		FTMS 101C-4046
Barrier properties				
Freedom from holes (AQL)		1,5		ASTM D5151
Cleanliness properties				
Particles (max. ≥0,5 µm/cm²)	400	1500	900	
Extractable ions (max. μg/cm²)				
Chloride, Cl ⁻	0,150	0,600	0,600	
Nitrate, NO ₃ -	0,100	0,500	0,500	
Sulphate, SO ₄ ²⁻	0,015	0,200	0,200	
Sodium, Na+	0,050	0,200	0,200	
Potassium, K+	0,030	0,100	0,100	
Calcium, Ca₂ ⁺	0,300	0,500	0,500	
Aluminium, Al ₃ +	0,010	0,010	0,010	
Ferric, Fe ₃ +	0,010	0,010	0,010	
Zinc, Zn ₂ +	0,010	0,100	0,100	
Copper, Cu ₂ +	0,0004	0,0004	0,0004	JEST DD GGOOF A
Ammonium, NH ₄ +	0,005	0,005	-	IEST-RP-CC005.4
Bromide, Br	0,005	0,010	-	
Chromium, Cr ₆ +	0,005	0,005	-	
Fluoride, F [.]	0,005	0,010	-	
ead, Pb ₂ +	0,005	0,005	-	
ithium, Li+	0,001	0,010	-	
Magnesium, Mg₂⁺	0,005	0,010	-	
Nickel, Ni ²⁺	0,005	0,005	-	
Nitrite, NO ₂ -	0,005	0,010	-	
Phosphate, PO ₄ ³⁻	0,005	0,010	-	
Strontium, Sr ²⁺	0,005	0,005	-	
Tin, Sn⁴+	0,005	0,005	-	
Non volatile residue (max. μg/cm²)				
Solvent IPA	5,0	5,0	5,0	
Fourier transform infrared				
Silicon, amide & dioctylphthalate	Not detected	Not detected	Not detected	

Chemical compatibility data

For cytotoxic drug breakthrough times for sterile nitrile gloves see below.

Test item	CAS no.	Result	Result	
Chemical permeation		Non sterile	Sterile	
		ISO Class 4 ISO Class 5	Grade A	
Sodium hydroxide 40%	1310-73-2	Class 6	Class 6	
Sulphuric acid 96%	7664-93-9	Class 1	Class 1	
n-Heptane	142-82-5	Class 6	Class 1	EN 274 2, 2002
Isopropyl alcohol, IPA 70%	67-63-0	-	Class 1	EN 374-3: 2003
Hydrogen peroxide 30%	7722-84-1	-	Class 3	
Acetic acid 50%	64-19-7	-	Class 2	
Endotoxin				
Endotoxin for sterile nitrile glov	/es		<20 EU/glove	USP <85> kinematic turbidimetric





Beaded cuff



Textured fingers



Anti-static







Sterile nitrile cleanroom gloves, Grade A







Hand-specific



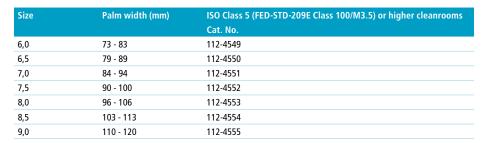
Fully textured



Beaded cuff



Anti-static



Sterile gloves supplied as 1 pair per pack, 10 packs per intermediate bag, 5 intermediate bags per master bag,

Cytotoxic drug permeation test results for VWR sterile nitrile cleanroom gloves, Grade A

4 master bags per case.

Test chemotherapy drug and concentration	Minimum breakthrough detection time (specimen 1/2/3) (min)	Steady state perm. rate (specimen 1/2/3) (µg/cm²/min)	Other observations
Carmustine (BCNU) 3,3 mg/ml (3300 ppm)	35,1 (35,2, 35,1, 38,1)	0,5 (0,5; 0,4; 0,6)	Moderate swelling and no degradation
Cisplatin 1,0 mg/ml (,000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation
Cyclophosphamide (Cytoxan) 20 mg/ml (20 000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation
Doxorubicin hydrochloride 2,0 mg/ml (2000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation
Etoposide (Toposar) 20,0 mg/ml (20,000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation
Fluorouracil 50,0 mg/ml (50 000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation
Paclitaxel (Taxol) 6,0 mg/ml (6000 ppm)	No breakthrough up to 240 min	N/A	Moderate swelling and no degradation
Thiotepa 10,0 mg/ml (10 000 ppm)	129,4 (159,4, 129,4, 149,8)	0,06 (0,05; 0,07; 0,07)	Slight swelling and no degradation
Vincristine sulphate 1,0 mg/ml (1000 ppm)	No breakthrough up to 240 min	N/A	Slight swelling and no degradation

Non sterile nitrile cleanroom gloves, ISO Class 4 and 5

Ambidextrous with textured finger surface for enhanced grip on components. Tapered, beaded cuff for secure fit.

Thickness (mm): Finger 0,12 – 0,18, palm 0,10 – 0,15, cuff- 0,08 – 0,12. AQL 1.5

Non sterile gloves supplied as 100 per double-bag, 10 bags per case. Total 1000.

Size	Palm width (mm)	ISO Class 5 (FED-STD-209E Class 100/M3.5) or higher cleanrooms Cat. No.	ISO Class 4 (FED-STD-209E Class 10/M2.5) or higher cleanrooms Cat. No.
		Cat. No.	Cat. No.
X-Small	70 - 80	112-4537	112-4543
Small	80 - 90	112-4538	112-4544
Medium	90 -100	112-4539	112-4545
Large	100 - 110	112-4540	112-4546
X-Large	110 - 120	112-4541	112-4547
XX-Large	120 - 130	112-4542	112-4548
Large X-Large	100 - 110 110 - 120	112-4540 112-4541	112-4546 112-4547



Looking for additional comfort?

Glove liners increase comfort by providing a barrier that reduces perspiration and wicks moisture during extended use, helping to prevent skin irritation

Durable: Lightweight, 15 denier, made from 100% nylon that's sturdy and

Cleanliness: Automated manufacturing in a clean environment to meet stringent cleanroom requirements and low lint. Can be used as a gowning glove. Packed for cleanroom use.

Specifications

Basic weight: 21,5 g/pair ±10%

Thickness: 2 mm ±10%

Surface resistivity: 1x109 ±10% ohms/m²

Half finger		
Size	Pk	Cat. No.
Small	300 pairs	112-1915
Medium	300 pairs	112-1910
Large	300 pairs	112-1905
X-Large	300 pairs	112-1917

Full finger		
Size	Pk	Cat. No.
Small	300 pairs	112-1900
Medium	300 pairs	112-1899
Large	300 pairs	112-1898
X-Large	300 pairs	112-1904





Quantus®: The attractive choice for high performance, reusable garments





CleanPack® custom cleanroom packaging and irradiation services

CleanPack® – gain time for your core production activity



In ISO 5 and ISO 7 cleanrooms we handle and customise products complying with the highest standards to meet your special requirements:

- Processing of products that were not cleanroom compliant and packaging for use in cleanrooms
- Customising existing cleanroom products to adapt them to your individual needs, e.g. sterilisation service, re-packaging of bulk products into smaller packing units or sizes, packing of single items into bulk packages, assembly of kits ready-to-use
- We provide a reliable supply and consistent quality at transparent cost
- Permanent implementation of a quality management system as per DIN EN ISO 9001:2008 For further information or an offer, tailored to your requirements, Contact the team at kittingservices.eu@vwr.com





Austria

VWR International GmbH Graumanngasse 7 1150 Wien Tel.: +43 1 97 002 0 Email: info.at@vwr.com

Belgium

VWR International byba Researchpark Haasrode 2020 Geldenaaksebaan 464 3001 Leuven

Tel.: +32 (0) 16 385 011 Email: vwr.be@vwr.com

Czech Republic

VWR International s. r. o. Veetee Business Park Pražská 442 CZ - 281 67 Stříbrná Skalice Tel.: +420 321 570 321 Email: info.cz@vwr.com

Denmark

VWR International A/S Tobaksvejen 21 2860 Søborg Tel.: +45 43 86 87 88 Email: info.dk@vwr.com

Finland

VWR International Oy Valimotie 9 00380 Helsinki Tel.: +358 (0) 9 80 45 51

Email: info.fi@vwr.com

France

VWR International S.A.S. Le Périgares – Bâtiment B 201, rue Carnot 94126 Fontenay-sous-Bois cedex Tel.: 0 825 02 30 30* (national) Tel.: +33 (0) 1 45 14 85 00 (international) Email: info.fr@vwr.com * 0.18 € TTC/min

Germany

VWR International GmbH Hilpertstraße 20a D - 64295 Darmstadt Tel.: 0800 702 00 07* (national) Tel.: +49 (0) 6151 3972 0 (international) Email: info.de@vwr.com

*Freecall Hungary

VWR International Kft. Simon László u. 4. 4034 Debrecen Tel.: +36 52 521130 Email: info.hu@vwr.com

Ireland / Northern Ireland

VWR International Ltd / VWR International (Northern Ireland) Ltd Orion Business Campus Northwest Business Park Ballycoolin Dublin 15 Tel.: +353 (0) 1 88 22 222 Email: sales.ie@vwr.com

Italy

VWR International S.r.l. Via San Giusto 85 20153 Milano (MI) Tel.: +39 02 3320311 Email: info.it@vwr.com

The Netherlands

VWR International B.V. Postbus 8198 1005 AD Amsterdam Tel.: +31 (0) 20 4808 400 Email: info.nl@vwr.com

Norway

VWR International AS Haavard Martinsens vei 30 0978 Oslo

Tel.: +47 22 90 00 00 Email: info.no@vwr.com

Poland

VWR International Sp. z o.o. Limbowa 5 80-175 Gdansk Tel.: +48 58 32 38 200 Email: info.pl@vwr.com

Portugal

VWR International - Material de Laboratório, Lda Centro Empresarial de Alfragide Rua da Indústria, nº 6 2610-088 Alfragide Tel.: +351 21 3600 770 Email: info.pt@vwr.com

Spain

VWR International Eurolab S.L. C/ Tecnología 5-17 A-7 Llinars Park 08450 - Llinars del Vallès Barcelona Tel.: +34 902 222 897 Email: info.es@vwr.com

Sweden

VWR International AB Fagerstagatan 18a 163 94 Stockholm Tel.: +46 (0) 8 621 34 00 Email: kundservice.se@vwr.com

Switzerland

VWR International GmbH Lerzenstrasse 16/18 8953 Dietikon Tel.: +41 (0) 44 745 13 13 Email: info.ch@vwr.com

UK

VWR International Ltd Customer Service Centre Hunter Boulevard - Magna Park Lutterworth Leicestershire LE17 4XN Tel.: +44 (0) 800 22 33 44

Email: uksales@vwr.com

China

VWR International China Co., Ltd. Shanghai Branch Room 256, No. 3058 Pusan Road Pudong New District Shanghai 200123 Tel.:+86 21 5898 6888 Email: info_china@vwr.com

India

VWR Lab Products Private Limited No.139. BDA Industrial Suburb, 6th Main, Tumkur Road, Peenya Post, Bangalore, India – 560058 Tel.: +91 80 28078400 Email: vwr_india@vwr.com

Singapore

VWR Singapore Pte Ltd 18 Gul Drive Singapore 629468 Tel: +65 6505 0760 Email: sales.sg@vwr.com

GO TO VWR.COM FOR THE LATEST NEWS, **SPECIAL OFFERS AND DETAILS OF YOUR LOCAL VWR DISTRIBUTOR**