

High purity laboratory consumables for advanced sciences.

EXAPURE™

Certified RNase, DNase, pyrogen, and metal-free.

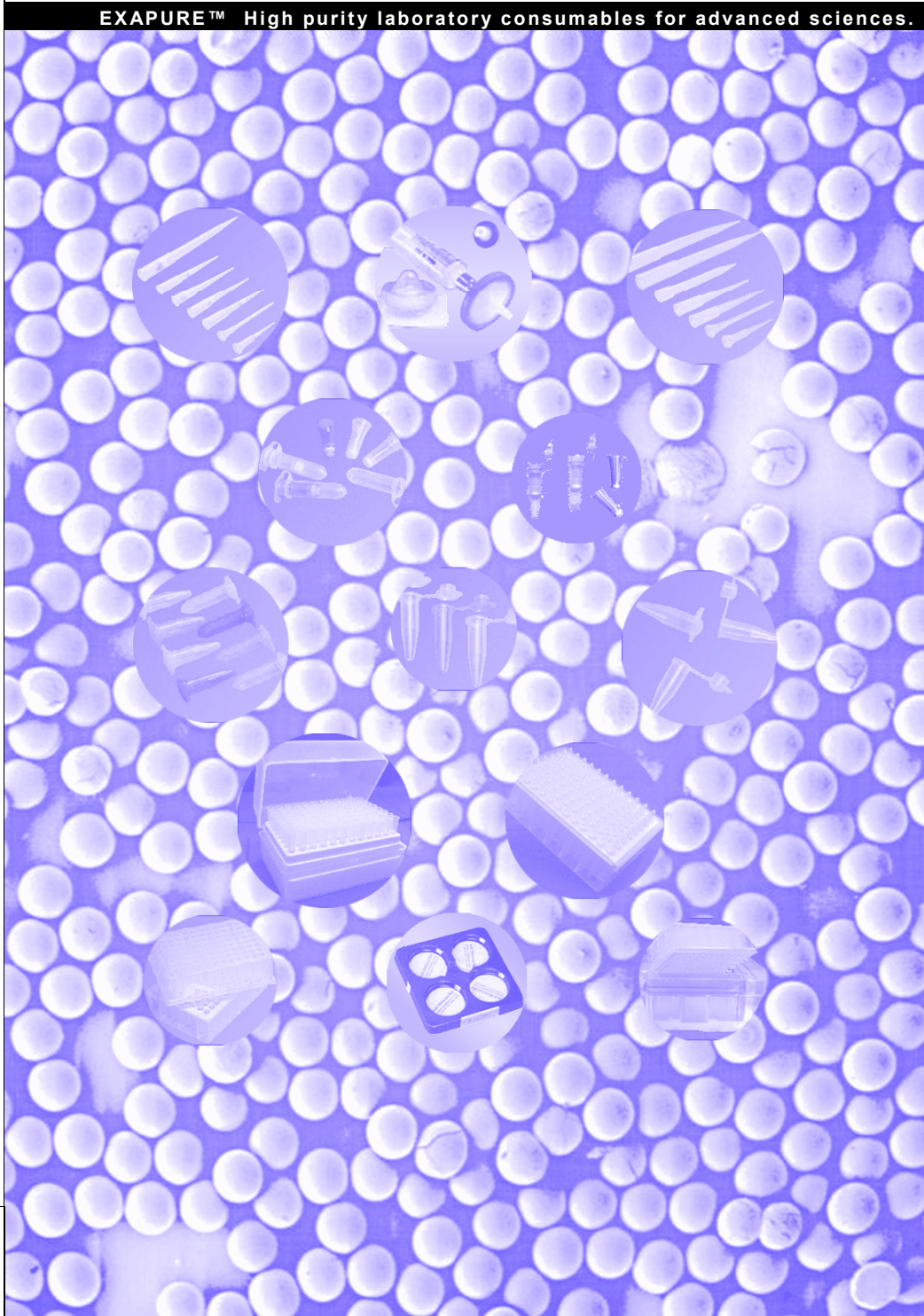
EXAPURE™ High purity laboratory consumables for advanced sciences.

High quality

- Compatibility
- Accuracy
- Precision
- Reliability
- Purity

High conformity

- Production according to DIN 12600
- Certified CE according to EU
- Beta sterilisation
- USP Plastic test Class VI conform
- ISO 11137 conform
- ISO 10993 conform
- ISO 8655 conform
- GMP/GLP conform



EXAPURE™

High purity laboratory consumables

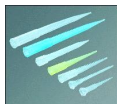
**Pure Heart. Pure Mind.
Pure Science.**

EXAPURE™

High purity laboratory consumables
info@exapure.com
www.exapure.com

EXAPURE™ Tips : high purity pipet tips

EXAPURE™ tips are engineered and ideal for various brands of pipettors and multi-channel pipettors. Our universal tips feature the universal grip design, using flexible materials with a series of bands and supports producing a positive seal. EXAPURE™ tips have thin walls and a small tip surface area which greatly minimises the liquid retention. In addition, the small surface area reduces the touch-off angle between the outer tip wall and the receiving sample tube. This virtually eliminates the potential of capillary retention between the tip orifice and the tube wall. Each of our tips is molded to give a flash-free and uniform delivery orifice for consistent accuracy and reproducible sample delivery. All our tips are provided with calibration lines at specific volumes, acting as visual checks to minimise any risk of errors during sample aspiration.

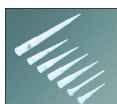


All EXAPURE™ Tips are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.

Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
ECO-POINTES™ Universal Tips 5-200 µl, bag	AT1100811	5 - 200	bag	1000	yellow	no	--
ECO-POINTES™ Universal Tips S 100-1000 µl, bag	AT1208802	100 - 1000	bag	1000	blue	no	--
ECO-POINTES™ Universal Tips 100-1000 µl, bag	AT1206802	100 - 1000	bag	1000	blue	no	--
EXAPURE™ Universal Tips 0.1-10 µl, bag	AT1000810	0.1 - 10	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 0.1-10 µl, rack	AT1000960	0.1 - 10	rack 96	10 x 96	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 0.1-10 µl, sterile rack	AT1001960	0.1 - 10	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 0.5-20 µl, bag	AT1050810	0.5 - 20	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 0.5-20 µl, rack	AT1050960	0.5 - 20	rack 96	10 x 96	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 0.5-20 µl, sterile rack	AT1051960	0.5 - 20	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 1-200 µl, bag	AT1110811	1 - 200	bag	1000	yellow	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 1-200 µl, rack	AT1110961	1 - 200	rack 96	10 x 96	yellow	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 1-200 µl, sterile rack	AT1111960	1 - 200	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Gel Loading Tips 1-200 µl, bag	AT1130500	1 - 200	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Gel Loading Tips 1-200 µl, rack	AT1130960	1 - 200	rack 96	10 x 96	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Gel Loading Tips 1-200 µl, sterile rack	AT1131960	1 - 200	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 5-300 µl, bag	AT1103810	5 - 300	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 5-300 µl, rack	AT1103960	5 - 300	rack 96	10 x 96	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 5-300 µl, sterile rack	AT1104960	5 - 300	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 100-1000 µl, bag	AT1200802	100 - 1000	bag	1000	blue	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 100-1000 µl, rack	AT1200962	100 - 1000	rack 96	10 x 96	blue	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 100-1000 µl, sterile rack	AT1201960	100 - 1000	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips S 100-1000 µl, bag	AT1209802	100 - 1000	bag	1000	blue	no	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips S 100-1000 µl, rack	AT120962	100 - 1000	rack 60	10 x 60	blue	no	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips S 100-1000 µl, sterile rack	AT1207062	100 - 1000	rack 60	10 x 60	blue	yes	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 210 Macro 5000 µl, bag	AT1210840	5000	bag	250	clear	no	for pipet4u, Eppendorf, Biohit, Oxford, HTL, Kartell, DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 211 Macro 5000 µl, bag	AT1211840	5000	bag	250	clear	no	for Gilson, Socorex, Nichiryo, DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 212 Macro 5500 µl, bag	AT1212840	5500	bag	250	clear	no	for LabSystems, Brand, Treff, DNase, RNase, pyrogen, and metal-free
EXAPURE™ Universal Tips 213 Macro 10000 µl, bag	AT1213500	10000	bag	100	clear	no	for Gilson, Socorex, Nichiryo, DNase, RNase, pyrogen, and metal-free

EXAPURE™ ULR Tips: High purity, Ultra-Low Retention pipet tips

Sample retention can be a major contributor to pipetting inaccuracy, and silicisation of tips has proved to be unsatisfactory because of autoclaving and contamination problems. A new polymer has been developed - Novelle-Polypropylene - which produces a "super slick surface" on our new EXAPURE™ ULR Tips, which improves even more with autoclaving and cannot leach from the tip surface. Liquid retention by near 85 % and decreases the standard deviation of the retained volume by more than 75 %.



EXAPURE™ ULR Tips for Molecular Biology Applications

Liquid handling accuracy and precision are essential to success in today's molecular biology, especially for DNA analysis and protein handling. The EXAPURE™ ULR Tips reduce the binding, thus increasing the sample delivery accuracy. Tests demonstrate that EXAPURE™ ULR Tips significantly reduce the amount of DNA and protein bound at the tip. Furthermore EXAPURE™ ULR Tips offer a marked improvement over the best low retention technologies.

All EXAPURE™ ULR Tips are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.

Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ ULR Tips 0.1-10 µl, bag	AT4000810	0.1 - 10	bag	1000	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 0.1-10 µl, rack	AT4000960	0.1 - 10	rack 96	10 x 96	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 0.1-10 µl, sterile rack	AT4001960	0.1 - 10	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 0.5-20 µl, bag	AT4050810	0.5 - 20	bag	1000	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 0.5-20 µl, rack	AT4050960	0.5 - 20	rack 96	10 x 96	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 0.5-20 µl, sterile rack	AT4051960	0.5 - 20	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 1-200 µl, bag	AT4110810	1 - 200	bag	1000	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 1-200 µl, rack	AT4110960	1 - 200	rack 96	10 x 96	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 1-200 µl, sterile rack	AT4111960	1 - 200	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 100-1000 µl, bag	AT4200810	100 - 1000	bag	1000	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 100-1000 µl, rack	AT4200960	100 - 1000	rack 96	10 x 96	clear	no	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Tips 100-1000 µl, sterile rack	AT4201960	100 - 1000	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free

EXAPURE™ Filter Tips : High purity pipet tips with a protection filter

EXAPURE™ Filter Tips adopt the very latest microprobe technology to ensure that all aerosols and liquids are prevented from entering the pipettor. This technology eliminates the need for additives such as sodium that are found in self-sealing type filters and which also has the disadvantage of trapping samples in the tip once the filter is sealed. EXAPURE™ Filter Tips use virgin Polyethylene filters without additive to avoid any potential source of contamination, and their microprobe technology ensures that the filters cannot trap liquid in the tip. In the case the filter becomes wet due to an inadvertent over-pipetting, it will act as a barrier to the passage of liquid, yet the sample in the tip may still be dispensed in the normal way, and can be re-used without fear of contamination.



All EXAPURE™ Filter Tips are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.

Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ Filter Tips 0.1-10 µl, bag	AT2000700	0.1 - 10	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.1-10 µl, sterile bag	AT2001700	0.1 - 10	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.1-10 µl, sterile rack	AT2001960	0.1 - 10	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.5-10 µl, sterile rack	AT2051960	0.5 - 10	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.5-20 µl, bag	AT2050700	0.5 - 20	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.5-20 µl, sterile bag	AT2051700	0.5 - 20	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 0.5-20 µl, sterile rack	AT2053960	0.5 - 20	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-20 µl, bag	AT2124700	1 - 20	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-20 µl, sterile bag	AT2114700	1 - 20	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-20 µl, sterile rack	AT2114960	1 - 20	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-30 µl, bag	AT2126700	1 - 30	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-30 µl, sterile bag	AT2116700	1 - 30	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-30 µl, sterile rack	AT2116960	1 - 30	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-100 µl, bag	AT2122700	1 - 100	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-100 µl, sterile bag	AT2112700	1 - 100	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-100 µl, sterile rack	AT2112960	1 - 100	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Gel Loading Filter Tips 1-100 µl, sterile rack	AT2133960	1 - 100	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-200 µl, bag	AT2123700	1 - 200	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-200 µl, bag sterile	AT2113700	1 - 200	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 1-200 µl, sterile rack	AT2113960	1 - 200	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 5-230 µl, bag	AT2125700	5 - 230	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 5-230 µl, sterile bag	AT2115700	5 - 230	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 5-230 µl, sterile rack	AT2115960	5 - 230	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 100-1000 µl, bag	AT2211700	100 - 1000	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 100-1000 µl, sterile bag	AT2201700	100 - 1000	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips 100-1000 µl, sterile rack	AT2201960	100 - 1000	rack 96	10 x 96	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips S 100-1000 µl, bag	AT2210702	100 - 1000	bag	1000	blue	no	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips S 100-1000 µl, sterile bag	AT2209702	100 - 1000	bag	1000	blue	yes	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free
EXAPURE™ Filter Tips S 100-1000 µl, sterile rack	AT2209062	100 - 1000	rack 60	10 x 60	blue	yes	Short tip (Gilson/Eppendorf type), DNase, RNase, pyrogen, and metal-free

EXAPURE™ ULR-Filter Tips: High purity, Ultra-Low Retention pipet tips with a protection filter

Sample retention can be a major contributor to pipetting inaccuracy, and silicisation of tips has proved to be unsatisfactory because of autoclaving and contamination problems. A new polymer has been developed - Novelle-Polypropylene - which produces a "super slick surface" on our new EXAPURE™ ULR-Filter Tips, which improves even more with autoclaving and cannot leach from the tip surface. Liquid retention by near 85 % and decreases the standard deviation of the retained volume by more than 75 %.



EXAPURE™ ULR-Filter Tips for Molecular Biology Applications

Liquid handling accuracy and precision are essential to success in today's molecular biology, especially for DNA analysis and protein handling. The EXAPURE™ ULR-Filter Tips reduce the binding, thus increasing the sample delivery accuracy. Tests demonstrate that EXAPURE™ ULR-Filter Tips significantly reduce the amount of DNA and protein bound at the tip. Furthermore EXAPURE™ ULR-Filter Tips offer a marked improvement over the best low retention technologies.

All EXAPURE™ ULR-Filter Tips are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.

Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ ULR Filter Tips 0.1-10 µl, sterile rack	AT5001960	0.1 - 10	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 0.5-10 µl, sterile rack	AT5051960	0.1 - 10	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 0.5-20 µl, sterile rack	AT5053960	0.5 - 20	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 1-20 µl, sterile rack	AT5114960	1 - 20	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 1-30 µl, sterile rack	AT5116960	1 - 30	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 1-50 µl, sterile rack	AT5111960	1 - 50	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 1-100 µl, sterile rack	AT5112960	1 - 100	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 1-200 µl, sterile rack	AT5113960	1 - 200	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free
EXAPURE™ ULR Filter Tips 100-1000 µl, sterile rack	AT5201960	100 - 1000	rack 96	10 x 96	clear	yes	minimal retention, DNase, RNase, pyrogen, and metal-free

EXAPURE™ PCR Tubes: High purity PCR tubes

The thin-walled design reduces cycle times and improves the product specificity by providing an accurate, rapid and uniform heat transfer. The oil free sealing provides a 100 % sealing without the need for an oil overlay when used in conjunction with a thermal cycler fitted with a heated lid. Flat cap design: these tubes are ideal for those concerned with contamination and provide handling convenience for low throughput usage. Domed cap design: these tubes offers a domed cap to facilitate an efficient heat transfer with "hot-lid" thermal cyclers. Autoclavable when open (121° C, 20 min).

All EXAPURE™ PCR Tubes are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free. ATP-free.



Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ PCR Tubes 0.2 ml, flat cap, bag	AT3010800	200	bag	1000	clear	no	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, flat cap
EXAPURE™ PCR Tubes 0.2 ml, flat cap, sterile	AT3011500	200	bag	1000	clear	yes	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, flat cap
EXAPURE™ PCR Tubes 0.2 ml, domed cap, bag	AT3020800	200	bag	1000	clear	no	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, domed cap
EXAPURE™ PCR Tubes 0.2 ml, domed cap, sterile	AT3021500	200	bag	1000	clear	yes	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, domed cap
EXAPURE™ PCR Tubes 0.5 ml, flat cap, bag	AT3110800	500	bag	1000	clear	no	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, flat cap
EXAPURE™ PCR Tubes 0.5 ml, flat cap, sterile	AT3111500	500	bag	1000	clear	yes	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, flat cap
EXAPURE™ PCR Tubes 0.5 ml, domed cap, bag	AT3120800	500	bag	1000	clear	no	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, domed cap
EXAPURE™ PCR Tubes 0.5 ml, domed cap, sterile	AT3121500	500	bag	1000	clear	yes	thin-walled tube, DNase, RNase, pyrogen, and metal-free, free of human DNA, leak-tight cap, domed cap

EXAPURE™ PCR 8-Strips / 12-Strips: High purity PCR strip tubes

As performing and pure as the EXAPURE™ PCR Tubes, the EXAPURE™ PCR 8-Strips and EXAPURE™ PCR 12-Strips are particularly appreciated in highly intensive and demanding applications. The uniform thin wall of the tubes as well as the domed shape of the caps are designed to improve heat transfer and shorten cycling times. The detachable caps are precisely manufactured to tightly fit to the tubes to form a leak-free assembly, even in the most demanding conditions. They are made from high purity polypropylene and shaped to fit all standard 96 well heat blocks. The spacing between tubes is calculated according to the SBS standards to match all standard multi-channel pipettors. Tube strips are conveniently packed with the corresponding caps. Autoclavable when open (121° C, 20 min).

All EXAPURE™ PCR 8-strips and EXAPURE™ PCR 12-strips are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free. ATP-free.



Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ PCR 8-Strips 0.2 ml, domed cap, bag	AT3060200	200	bag	200 x 8 tubes	clear	no	Thin-walled 8-strips, DNase, RNase, pyrogen, and metal-free, free of human DNA and PCR inhibitors, leak-tight cap, domed cap
EXAPURE™ PCR 8-Strips 0.2 ml, domed cap, sterile	AT3061200	200	bag	200 x 8 tubes	clear	yes	Thin-walled 8-strips, DNase, RNase, pyrogen, and metal-free, free of human DNA and PCR inhibitors, leak-tight cap, domed cap
EXAPURE™ PCR 12-Strips 0.2 ml, domed cap, bag	AT3040200	200	bag	200 x 12 tubes	clear	no	Thin-walled 12-strips, DNase, RNase, pyrogen, and metal-free, free of human DNA and PCR inhibitors, leak-tight cap, domed cap
EXAPURE™ PCR 12-Strips 0.2 ml, domed cap, sterile	AT3041200	200	bag	200 x 12 tubes	clear	yes	Thin-walled 12-strips, DNase, RNase, pyrogen, and metal-free, free of human DNA and PCR inhibitors, leak-tight cap, domed cap

EXAPURE™ qPCR-Capillaries 50 µl for LightCycler®, Polycarbonate

As performing and pure as the EXAPURE™ PCR Tubes, the EXAPURE™ qPCR-Capillaries are specifically designed to fit the LightCycler® instruments, with a superior shape and perfect compatibility, even in the most demanding applications. The capillary purity ensures higher PCR performances and an optimal fluorescence transmission. The leak-tight cap ensures a contamination-free handling.

All EXAPURE™ qPCR Capillaries are DNase, RNase, pyrogen, metal, PCR inhibitors and human DNA-free.



Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ qPCR-Capillaries, bag	AT3130100	50	carton	100	clear	no	capillaries with leak-tight cap and one transferpin
EXAPURE™ qPCR-Capillaries, rack	AT3130960	50	rack 96	10 x 96	clear	no	capillaries in rackboxes with leak-tight cap and one transferpin
EXAPURE™ qPCR-rotor adapter for LightCycler 1	AT3130R00	50 x 30	carton	1	black	no	rotor for capillaries compatible with LightCycler 1
EXAPURE™ qPCR-rotor adapter for LightCycler 2	AT3130R01	50 x 30	carton	1	black	no	rotor for capillaries compatible with LightCycler 2

EXAPURE™ High purity micro-test tubes with tight cap: 0.5, 1.5 and 2.0 ml volumes

EXAPURE™ Microtubes cover standard volumes for a variety of sample tests. They are available in 0.5, 1.5 and 2.0 ml volumes. The microtubes can withstand high centrifugal forces, are temperature and chemical-resistant and guaranteed against leaks.

An innovative and modern new generation of microtubes with new features

Perfect sealing qualities, an excellent chemical stability and optimal construction materials guarantee highest resistance to centrifugal forces and chemicals. The flat frosted lid and the writing surface on the body of the tubes offer a generous labelling area. The improved lid geometry makes them easy to open and to close. For a better visual control of the volume the tubes are equipped with a graduation scale from 0.1 to 1.5 or 2.0 ml. Autoclavable when open (121° C, 20 min). Resistant to centrifugation up to 25000 xg with fixed angle rotors, and up to 70000 xg with swing bucket rotors.

All EXAPURE™ Microtubes are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.



Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ Microtubes 0.5 ml, bag	AT3115800	500	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Microtubes 0.5 ml, bag, sterile	AT3116500	500	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Microtubes 1.5 ml, bag	AT3205850	1500	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Microtubes 1.5 ml, bag, sterile	AT3207500	1500	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Microtubes 2.0 ml, bag	AT3204850	2000	bag	1000	clear	no	DNase, RNase, pyrogen, and metal-free
EXAPURE™ Microtubes 2.0 ml, bag, sterile	AT3204500	2000	bag	1000	clear	yes	DNase, RNase, pyrogen, and metal-free

EXAPURE™ Spin Columns: High quality filter tube system, spin columns

The EXAPURE™ Spin Columns filter tube system is specially developed for use in purification, isolation and separation of biomolecules, particularly DNA/RNA. The filter tube has a well volume of 800 µl, which is ideal for a Spin Column System and is constructed from high grade clear polypropylene. The filter tubes can be delivered with various membranes (filters) for your choice for different applications. In general all filter tubes have a pre-filter for more protection of the membranes. They can be delivered with up to three membranes in one filter tube. New receiver tubes with 1.5 and 2.0 ml volumes, specially designed for fitting with the filter tubes complete the system. Injection moulded from autoclavable, non-wettable, premium grade, virgin polypropylene in accordance with ISO 9000 and DIN standards. Also suitable as centrifuge tubes with calibration lines at specific volumes, acting as visual checks to minimise any risk of errors during sample handling. Our relentless pursuit to raise quality creates products that are always evolving to a higher standard.

All EXAPURE™ Spin Columns are DNase, RNase, pyrogen, metal, PCR inhibitors, and human DNA-free.



Article	Reference	Volume (µl)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ Spin Column GF-F1 1.5 ml, bag	AT3315100	1500	bag	100	clear	no	fiberglass membrane (genomic plasmid)
EXAPURE™ Spin Column GF-N1 1.5 ml, bag	AT3319100	1500	bag	100	clear	no	fiberglass and nitrocellulose membrane
EXAPURE™ Spin Column PVDF 0.22 µm 1.5 ml, bag	AT3316100	1500	bag	100	clear	no	low protein binding PVDF membrane
EXAPURE™ Spin Column PVDF 0.45 µm 1.5 ml, bag	AT3316110	1500	bag	100	clear	no	low protein binding PVDF membrane
EXAPURE™ Spin Column CA 0.22 µm 1.5 ml, bag	AT3313100	1500	bag	100	clear	no	cellulose acetate membrane
EXAPURE™ Spin Column GF-F1 2.0 ml, bag	AT3320100	2000	bag	100	clear	no	fiberglass membrane (genomic plasmid)
EXAPURE™ Spin Column GF-N1 2.0 ml, bag	AT3321100	2000	bag	100	clear	no	fiberglass and nitrocellulose membrane
EXAPURE™ Spin Column PVDF 0.22 µm 2.0 ml, bag	AT3322100	2000	bag	100	clear	no	low protein binding PVDF membrane
EXAPURE™ Spin Column PVDF 0.45 µm 2.0 ml, bag	AT3322110	2000	bag	100	clear	no	low protein binding PVDF membrane
EXAPURE™ Spin Column CA 0.22 µm 2.0 ml, bag	AT3323100	2000	bag	100	clear	no	cellulose acetate membrane

EXAPURE™ Syringe Filters: High purity syringe filters

The EXAPURE™ Syringe Filters are specifically designed for purification, isolation and separation. The syringe filters are made of carefully selected membranes to ensure the highest filtration reliability. Moreover, the filter design is optimised for the highest flow while minimising the dead volume. The housing is made of a specifically selected polypropylene grade for sterile applications as well as against highly corrosive chemicals. The EXAPURE™ Syringe Filters PES have been designed for the filtration of sterile media, serums, buffers and other aqueous solutions. The glass microfibre prefilter ensures an economical filtration of serums while maintaining the filtration capacity of the PES membrane, which is specifically selected for its low protein binding properties. In addition, the individual packaging ensures the filter sterility until utilisation. The EXAPURE™ Syringe Filters PA are made of a high chemical resistant nylon (polyamide) membrane, which has been designed for applications as sensitive as the filtration of HPLC solutions.

Connection: Luer-lock / Luer-slip.

EXAPURE™ Syringe Filters PES are pyrogen, and metal-free.



Article	Reference	Diam./pore (mm) / (µm)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ Syringe Filters PA 0.45-13, HPLC	ATSY25NN4	13 / 0.45	bag	100	green	no	Ø 13 mm polyamide membrane (Nylon), pore size 0.45 µm, non sterile
EXAPURE™ Syringe Filters PA 0.2-25, HPLC	ATSY25NN2	25 / 0.2	bag	100	blue	no	Ø 25 mm polyamide membrane (Nylon), pore size 0.2 µm, non sterile
EXAPURE™ Syringe Filters PA 0.45-25, HPLC	ATSY25NN4	25 / 0.45	bag	100	green	no	Ø 25 mm polyamide membrane (Nylon), pore size 0.45 µm, non sterile
EXAPURE™ Syringe Filters PTFE 0.2-13, GC	ATSY13TF2	13 / 0.2	bag	100	red	no	Ø 13 mm PTFE membrane (Teflon), pore size 0.2 µm, non sterile, ultra-low extractables
EXAPURE™ Syringe Filters PTFE 0.45-13, GC	ATSY13TF4	13 / 0.45	bag	100	black	no	Ø 13 mm PTFE membrane (Teflon), pore size 0.45 µm, non sterile, ultra-low extractables
EXAPURE™ Syringe Filters PTFE 0.2-25, GC	ATSY25TF2	25 / 0.2	bag	100	red	no	Ø 25 mm PTFE membrane (Teflon), pore size 0.2 µm, non sterile, ultra-low extractables
EXAPURE™ Syringe Filters PTFE 0.45-25, GC	ATSY25TF4	25 / 0.45	bag	100	black	no	Ø 25 mm PTFE membrane (Teflon), pore size 0.45 µm, non sterile, ultra-low extractables
EXAPURE™ Syringe Filters PTFE 1.0-25, GC	ATSY25TF10	25 / 1.0	bag	100	cyan	no	Ø 25 mm PTFE membrane (Teflon), pore size 1.0 µm, non sterile, ultra-low extractables
EXAPURE™ Syringe Filters PES 0.2-25, PF-GF, sterile	ATSY25PGS2	25 / 0.2	individual	100	white	yes	Ø 25 mm polyethersulfone membrane (PES), pore size 0.2 µm, ETO sterilisation, with glass microfibre prefilter, pyrogen and metal-free
EXAPURE™ Syringe Filters PES 0.45-25, PF-GF, sterile	ATSY25PGS4	25 / 0.45	individual	100	white	yes	Ø 25 mm polyethersulfone membrane (PES), pore size 0.45 µm, ETO sterilisation, with glass microfibre prefilter, pyrogen and metal-free
EXAPURE™ Syringe Filters GF 1.0-25, GC	ATSY25GF10	25 / 1.0	bag	100	white	no	Ø 25 mm glass microfibre membrane, pore size 1.0 µm, non sterile, ultra-low extractables

Compatibility list for EXAPURE™ pipet tips, volumes from 0.1 to 1000 µl

Micropipet	EXAPURE™ Tips AT1-XXX-XX-X	EXAPURE™ ULR Tips AT4-XXX-XX-X	EXAPURE™ Filter Tips AT2-XXX-XX-X	EXAPURE™ ULR-Filter Tips AT5-XXX-XX-X
BIOHIT				
Proline Dig.		↓		↓
Proline Fix	use 300 µl tips for fixed volumes 200 µl*		use 230 µl tips for fixed volumes 200 µl*	
Proline MC		↓		↓
Elektron SC		↓		↓
Elektron MC		↓		↓
BRAND				
Transferpette	use 300 µl tips for fixed volumes 200 µl*		use 230 µl tips for fixed volumes 200 µl*	
Transferpette 8	↓		↓	
Transferpette 12		↓		↓
EPPENDORF				
Reference	use 0.5-10 µl tips for grey pipets with volume 2-20 µl, 20 µl tips for yellow pipets fixed volume 10 µl and 1000 µl tips for blue pipets fixed volume 200 µl and more*		use 0.5-10 µl tips for grey pipets with volume 2-20 µl, 20 µl tips for yellow pipets fixed volume 10 µl and 1000 µl tips for blue pipets fixed volume 200 µl and more*	
Research		↓		↓
Titerman		↓		↓
Research Pro		↓		↓
Response SC	use 0.5-10 µl tips for volumes 0.5-20 µl*		use 0.5-10 µl tips for volumes 0.5-20 µl*	
Response MC		↓		↓
Unipette	use 1000 µl tips for fixed volumes 200 µl and more*		use 1000 µl tips for fixed volumes 200 µl and more*	
GILSON				
Pipetman P		↓		↓
Pipetman F	use 300 µl tips for fixed volumes 200 µl*		use 230 µl tips for fixed volumes 200 µl*	
Pipetman 8x200	↓		↓	
HTL				
Labmate		↓		↓
Clinipet	use 300 µl tips for volumes 200 µl, and 1000 µl tips for 250 µl and more*		use les pointes de 230 µl tips for volumes 200 µl, and 1000 µl tips for 250 µl and more*	
EPA-Plus	use 300 µl tips for volumes 200 µl, and 1000 µl for 250 µl and more*		use les pointes de 230 µl tips for volumes 200 µl, and 1000 µl tips for 250 µl and more*	
Multimate		↓		↓
V3 variabel		↓		↓
V3 fixed	use 20 µl tips for volumes from 1 to 25 µl, 300 µl tips for 200 µl, and 1000 µl tips for 250 µl and more*		use 20 µl tips for volumes from 1 to 25 µl, 230 µl tips for 200 µl, and 1000 µl tips for 250 µl and more*	
LABSYSTEMS				
FP Digital	use 20 µl tips for volumes from 5 to 40 µl*		use 20 µl tips for volumes from 5 to 40 µl*	
SOCOREX				
Calibra 822	use 0.5-10 µl tips for volumes from 0.1 to 10 µl*		use 0.5-10 µl tips for volumes from 0.1 to 10 µl*	
Calibra 852	↓		↓	
Acura 811	use 0.5-10 µl tips for volumes from 1 to 10 µl*		use 0.5-10 µl tips for volumes from 1 to 10 µl*	
Acura 821	↓		↓	
Acura 851	↓		↓	

↓ : full compatibility

* (cf. detailed compatibility list)

This list is indicative and does not involve any responsibility from the Company.

EXAPURE™ Disc Filters: High purity membrane disc filters

The EXAPURE™ Disc Filters bring to the laboratory user a range of membrane filters whose advanced technical specifications ensure today's most advanced filtration performance for a wide range of applications. The membrane disc filters offer accurately controlled pore size distribution and higher strength and flexibility which ensure reproducibility and consistency. Moreover, the membrane material is carefully selected to release the lowest extractables. The EXAPURE™ Disc Filters PA are made of a high chemical resistant nylon (polyamide) membrane, which has been designed for applications as sensitive as the filtration of HPLC solutions.

EXAPURE™ Disc Filters PA are metal-free.

The EXAPURE™ Disc Filters CN gridded are specifically developed for water microbiology and validated to ASTM D4200-82 and D3508-78. They are made of a high grade cellulose nitrate membrane, hydrophilic, presterilised and individually packed in a form of roll which is compatible with most disc membrane dispensers. The EXAPURE™ Disc Filters pass the biological test for Class VI plastics as described in USP and the oxidizable matters are systematically controlled to be within limits specified in USP. All EXAPURE™ Disc Filters are metal-free.



Article	Reference	Diam./pore (mm) / (µm)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ Disc Filters PA 0.2-47	AT47HNN2	47 / 0.2	box	100	white	no	∅ 47 mm polyamide membrane (Nylon), pore size 0.2 µm
EXAPURE™ Disc Filters PA 0.45-47	AT47HNN4	47 / 0.45	box	100	white	no	∅ 47 mm polyamide membrane (Nylon), pore size 0.45 µm
EXAPURE™ Disc Filters CN 0.45-47, gridded, sterile	AT47GCNS4	47 / 0.45	individual	6 x100	white	yes	∅ 47 mm cellulose nitrate membrane, pore size 0.45 µm, ETO sterilisation, gridded
EXAPURE™ Disc Filters Pack CN212, 100 ml Funnels, CN 0.45-47, gridded, sterile	ATFM47GCNS4	47 / 0.45	individual	212	white	yes	212 x ∅ 47 mm cellulose nitrate membrane, pore size 0.45 µm, ETO sterilisation, gridded 212 x absorbent pad 12 x autoclavable 100 ml PP funnel with cover

EXAPURE™ In-Line Filters: High purity in-line filters

The EXAPURE™ In-Line Filters feature a housing made out of a specifically selected high purity polypropylene grade to maintain sample purity and for sterile applications as well as against highly corrosive chemicals. They are available with a choice of filtration membrane to suit a broad range of applications with aqueous, gaseous and organic samples. The most advanced technologies have been used to ensure convenience and performance for in-line sterilisation of gases and bacterial air venting in various pharmaceutical and biotechnology processes. The large 50 mm in-line filters are designed for larger volume sample filtration in the laboratory, at a pilot plant or in manufacturing.

The EXAPURE™ In-Line Filters ITF feature a PTFE (Teflon) membrane which is specifically designed for chemically aggressive solutions, reagents and organic solvents. This lightweight device is particularly suitable for protective vents and for in-line filtration and isolation purposes.

The EXAPURE™ In-Line Filters IPF feature a PP (polypropylene) which provide excellent flow rate characteristics and is ideal for filtering large volumes to 1 litre or more of aqueous and solvent samples. They are specifically designed to connect directly into an HPLC line to simultaneously filter and degas the mobile phase as it is being used. They possess a high-flow polypropylene membrane for mobile phases containing organic solvents or other highly corrosive liquids such as acids or bases. The 1/8" MNPT filter connection is designed to match the most difficult specifications for leak-free applications. The EXAPURE™ In-Line Filters IPF filter with ease highly loaded as well as viscous solutions without leaking, unlike filters horse-barb connections. The 5 µm pore size membrane filters particularly well the coarser particles that would rapidly obstruct conventional 0.2 or 0.45 µm filters. The EXAPURE™ In-Line Filters PP 5-50 fulfil the most demanding requirements in the chemical, but also in the food and ink industry.

EXAPURE™ In-Line Filters are autoclavable, individually packed, and metal-free.

Article	Reference	Diam./pore (mm) / (µm)	Packaging	Quantity	Colour	Sterile	Note
EXAPURE™ In-Line Filters ITF 0.2-50, sterile	AT50ITF2	50 / 0.2	bag	10	white	yes	∅ 50 mm PTFE membrane (Teflon), pore size 0.2 µm, hose barb connection, ETO sterilisation
EXAPURE™ In-Line Filters ITF 0.4-50, sterile	AT50ITF4	50 / 0.45	bag	10	white	yes	∅ 50 mm PTFE membrane (Teflon), pore size 0.45 µm, hose barb connection, ETO sterilisation
EXAPURE™ In-Line Filters IPF 5-50	AT50IPF50	50 / 5	bag	10	white	no	∅ 50 mm Polypropylene membrane (PP), pore size 5 µm, 1/8" MNPT connection



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