



Quartz Fiber Filters, specifications

ADVANTEC® Quartz Fiber Filters

High chemical resistance. Biological inert. Due to the low content of metals, NOx and SOx doesn't react with the filter and create nitrate and sulphate. Pre-fired in two hours to reduce organic contamination. Unaffected by humidity.

Grade	Weight g/m ²	Thickness mm	Retention-efficiency, gas % 0,3 µm DOP	Binder	Max. temperature °C
QR-100	85	0.38	99.9	No	1000
QR-200	200	1.0	99.9	Yes	1000

Metal content, µg/g

Grade	Pb	Cd	Mn	Zn	Cu	Ni	Cr	Fe
QR-100	<1	<0.5	<0.5	<1	<1	<1	1	8
QR-200	<1	<0.5	<0.5	<1	<1	1	3	45

Whatman Quartz Fiber Filters

High chemical resistance. Biological inert. Due to the low content of metals, NOx and SOx doesn't react with the filter and create nitrate and sulphate.

Grade	Weight g/m ²	Thickness mm	Retention*, liquid, µm
QM-A	85	0.45	2.2

*98% retention



Quartz Fiber Filters

Grade	Weight g/m ²	Retention-efficiency, gas % 0,3 µm DOP	Binder	Max. temperature °C
QF	85	99.998	No	900

Trace Elements, µg/g, typical values

Al	50	Mn	1.25
As	0.75	Na	40
Cd	1.5	Ni	2
Co	1	Pb	0.75
Cr	5	Sb	1.25
Cu	1.25	Sn	0.5
Fe	30	Ti	2.5
Hg	<0.05	V	0.5
Mg	25	Zn	5