

Quartz Microfibre Filters, Hahnemühle



WW6PB008



Hahnemühle

These filters are recommended for atmospheric pollution control and for particles determination at high temperatures.

- Made of pure quartz microfibre (SiO_2), free of binding elements or additives
- Perfect for trace analysis for their extremely low metal content
- Determination of suspended particles (SPM and TSP) in the ambient air pursuant to the relevant specifications of the US EPA (Environmental Protection Agency) and EN 23210
- Excellent retention of very fine particles through the adsorption mechanisms of quartz fibres
- Chemical stability: excellent stability with hardly any loss of filter-material due to chemical reactions under extreme conditions with acid gases (HCl , SO_2 , SO_3 , H_2SO_4 , NO and NO_3)
- Excellent resistance to solvents: bases, acids (except hydrofluoric acid) and alkaline substances
- Stability at high temperatures: higher resistance than glass microfiber, up to 1000°C

Technical specifications:

Grade	Weight g/m^2	Thickness mm	TSI efficacy % (particles $0.3 \mu\text{m}$)	T Max $^\circ\text{C}$	Binder
QFH	85	0.45	99.999	1000	no

Vers.	Dimensions mm	Order No.	PU pc/Pack
Filter circles	$\varnothing 47$	10 15 90047	50
Filter circles	$\varnothing 150$	10 15 90150	50
Sheets	203×254	10 15 93254	50

Other sizes on request.

