



PALLFEX FILTERS

7221

99,95%

Borosilicate glass microfibers reinforced with woven glass cloth

Pallflex™ Emfab™ air monitoring filters - TX40HI20WW, 47 mm (100/pkg)

Specifications

Description	Tissuquartz Filters	Emfab Filters*	Fiberfilm Filters
Filter Media	Pure quartz, no binder	Borosilicate glass microfibers reinforced with woven glass cloth and bonded with PTFE	Heat resistant borosilicate glass fiber coated with fluorocarbon (TFE)
Diameter	25 - 142 mm and 8 x 10 in.	12 - 142 mm and 8 x 10 in.	25 - 100 mm and 8 x 10 in.
Typical Thickness	432 µm (17 mils)	178 µm (7 mils)	203 µm (8 mils)
Typical Filter Weight	5.8 mg/cm²	5.0 mg/cm²	3.4 mg/cm²
Typical Water Flow Rate 0.35 bar (35 kPa, 5 psi)	220 mL/min/cm²	32 mL/min/cm²	220 mL/min/cm²
Typical Air Flow Rate -----	73 L/min/cm²	68 L/min/cm²	180 L/min/cm²
Maximum Operating Temperature - Air	1,093 °C (2,000 °F)	260 °C (500 °F)	315.5 °C (600 °F)
Typical Aerosol Retention**	99.90%	99.95%	96.40%
pH In Boiled Water Extract	6.5 - 7.5	—	—