



ADVANTAGES

- Individual efficiency test reports
- Zero leak guarantee
- No organic outgassing from test aerosol
- Low outgassing adhesives and gasket (no organic flame retardant)
- Manufactured and packed in cleanroom environment
- Developed for safe use in microelectronic cleanrooms and equipment
- Ideal for nanoparticle filtration (100 nm)
- High dust holding capacity
- 100% filter scan test for guaranteed performance
- Filter scanned according to EN1822, IEST or other required standards

Application	Microelectronic cleanrooms and equipment. Nanoparticle filtration
Type	Pleated Panel
Frame	Anodized aluminium
Gasket	EPDM
Media	Glass fiber
Separator	Hot Melt Separator Technology
Sealant	Polyurethane
Grille, Upstream	Expanded metal painted
Grille, Downstream	Expanded metal painted
Temperature max	70°C
RH. max	100%
Comment	Test: 100% individual scan test according to EN1822, IEST RP-CC007 or required standard Test aerosol: PSL. Oil free Fire rating: UL900 Remarks: Many frame options and dimensions are available on request

Model Name	EN1822	Dimensions WxHxD (mm)	Pressure drop (Pa)	Filter Efficiency Particle d=20nm	Filter Efficiency Particle d=100-200nm	Filter Efficiency Particle d=300nm
Fabsafe MG U16	U16	1170x1170x110	90	≥99.9999999%	≥99.99995%	≥99.99999%
Fabsafe MG U15	U15	1170x1170x110	80	≥99.9999999%	≥99.99995%	≥99.99999%
Fabsafe MG H14	H14	1170x1170x110	60	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MG U16	U16	1170x570x110	90	≥99.9999999%	≥99.99995%	≥99.99999%
Fabsafe MG U15	U15	1170x570x110	80	≥99.9999999%	≥99.99995%	≥99.99999%
Fabsafe MG H14	H14	1170x570x110	60	≥99.9999999%	≥99.9995%	≥99.9999%
Fabsafe MX U16	U16	1170x1170x90	130	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MX U15	U15	1170x1170x90	110	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MX H14	H14	1170x1170x90	90	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MX U16	U16	1170x570x90	130	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MX U15	U15	1170x570x90	110	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MX H14	H14	1170x570x90	90	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MD U15	U15	1170x1170x66	140	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MD H14	H14	1170x1170x66	130	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MD H13	H13	1170x1170x66	110	≥99.99999%	≥99.9995%	≥99.9997%
Fabsafe MD U15	U15	1170x570x66	140	≥99.9999999%	≥99.99995%	≥99.99997%
Fabsafe MD H14	H14	1170x570x66	130	≥99.9999999%	≥99.9995%	≥99.9997%
Fabsafe MD H13	H13	1170x570x66	110	≥99.99999%	≥99.9995%	≥99.9997%

Other sizes available on request

