

Data Sheet

Bevliner™ Housings

Sanitary filter housing design meets the needs of a range of beverage applications

Merck Millipore has been designing and installing quality filtration systems for over 50 years. We've brought our experience and the needs of our worldwide customers together creating a standard housing line to satisfy the rigorous requirements of global standards organizations. This conformance ensures that Bevliner™ T-line housings deliver safe, reliable performance and process separation consistency, from scale-up through manufacturing expansion.

Ready for International Deployment – CE and ASME Compliant

Bevliner™ housings comply with both CE and ASME design and manufacturing standards. Customers can rely on Merck Millipore for their filtration processes in any production facility around the world.

Modular Design Makes it Easy to Configure

Whether you require a T-line housing for one 10-inch cartridge filter or a thirty round housing, Bevliner™ housings modular design makes it easy to meet food and beverage process needs for single and multi-round housings with various inlet and outlet connections. Bevliner™ housings has the appropriate size for both applications at any scale.

Quality Certified

All housings are shipped with a Certificate of Quality and Declaration of Conformity that confirms conformance to stated requirements and lists appropriate QA lot release criteria.



Bevliner™ T-line Housings

Inlet/Outlet Connections	Size Range	Housings Include	Accessories
Sanitary TC Flange	1-round to 30-round	Gauge, sight glass and valve for venting Drain and sample port connection on Inlet/Outlet Ball valves and end caps	Sample Port

Product Line Overview

CE Pressure Equipment	CE compliant housings have been designed and manufactured according to the essential requirements of the European Pressure Equipment Directive 97/23/EC.
ASME Compliance	According to the ASME BPVC VIII div 1, Merck Millipore Bevliner™ housings can be used at 145 Psig, T° <99 °C (210 °F), for containing water-like product (cf Code definitions)
CFR Compliance	The sealing materials supplied comply with the Title 21 Code of Federal Regulations, section 177.2600 for rubber compounds or 177.1550 for fluorocarbon resin, 177.1520 for olefin polymers.
USP Class VI Compliance	All seal materials comply with USP <88> Biological Reactivity Tests for Class IV plastics.
Materials of Construction (Wetted Parts)	
Vessel:	316L (DIN 1.4404) stainless steel
Seals:	Silicone, PTFE
Surface Finish	
Internal:	Mechanical Polish (MP), Ra² <0.8 µm.
External:	Mechanical Polish (MP)
Cartridge Code	Code 7
Pressure Rating	For accurate pressure rating specifications please refer to the Specification Guide (SP1750EN00)

Ordering Information

For catalogue numbers and ordering information please refer to the Specification Guide (SP1750EN00)



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