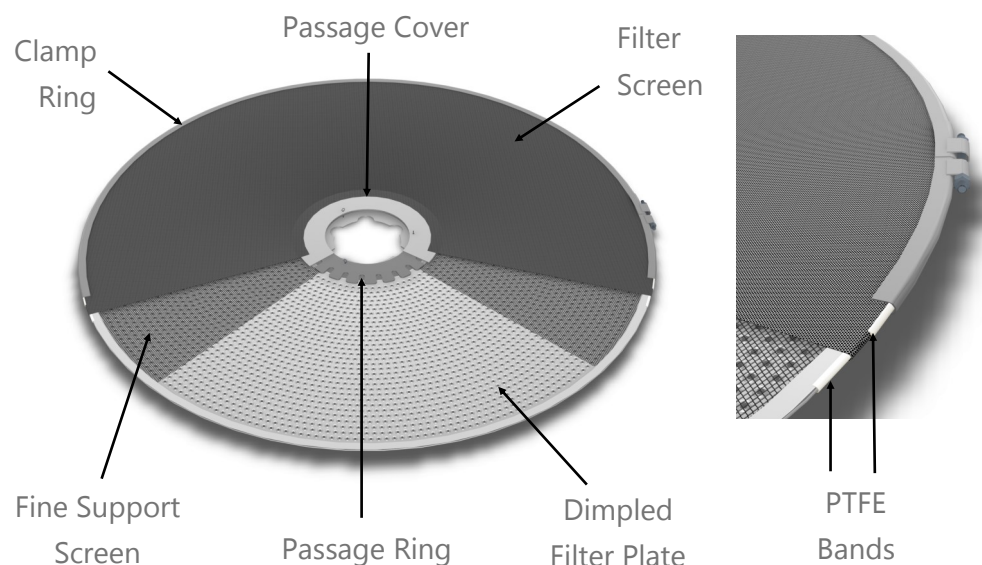


The filter plate is the heart of the FUNDA filter. Plate size is a function of the overall filter size. Plate diameters range from 165mm (6.5in.) up to 1250mm (49in.). Many applications require removable screens, however, Steri also offers filter media that is welded directly to the filter plate. The plate itself has a dimpled surface to allow smooth flow of the filtrate. Spacer rings maintain proper spacing between filter plates. They are sold as individual parts or can be welded to the filter plates reducing gasketing requirements.

Removable Filter Screen



Each filter plate assembly consists of a filter plate, a support screen, and a filter screen. The passage cover holds the fine support screen and the passage ring in place while the filter screen is mounted with an outer clamp ring, sealed with a PTFE band. The slightly dished form of the filter plate assures complete drainage of the filtered liquid.

Welded Filter Media



Filter media is typically a woven fabric or metal cloth that is folded over the edge of the filter plate and clamped in place. Process applications may demand higher filtration performance. Multi-layer screens meet those demands. These screens are more rigid than the woven type screens and will not fold over the edge of the plate to be clamped. Therefore, the outer edge of the multi-layer screen is robotically welded to the edge of the filter plate. Multi-layer screens are longer lasting and the welded edges are flush improving cake release. Welded plates can be refurbished at Steri.

Welded Spacer Ring

Spacer rings can be ordered as welded to the bottom of the filter plates. This reduces the number of gaskets required and speeds on-site installation.

