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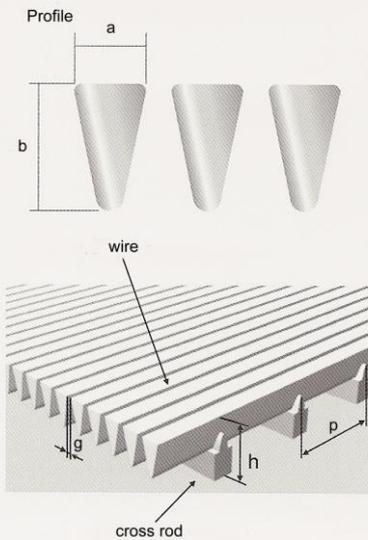
Ion Exchange Nozzles and Cartridge Cylindrical Screens

Gap Technology's nozzles can filter liquids and gases retaining the filtering medium. This is achieved by distributing nozzles over a vessel floor which controls the flow during collection or distribution. Nozzles provide an efficient and economic solution by combining the benefits of a completely welded structure which will withstand very high stresses with an anti-clogging surface with excellent corrosion resistance.

Our collector/distributor cylinders are used in numerous industries including water treatment, sweetened juice and petrochemical. They comprise a central tube or hub which is equipped with several laterals which ensure perfect distribution of flow by conforming to the shape of the bottom of the vessel.

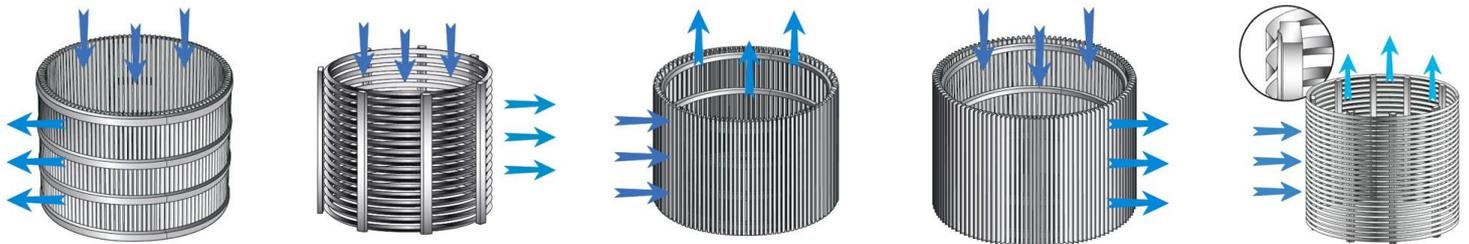
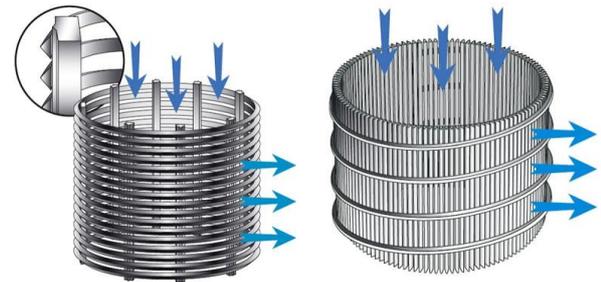
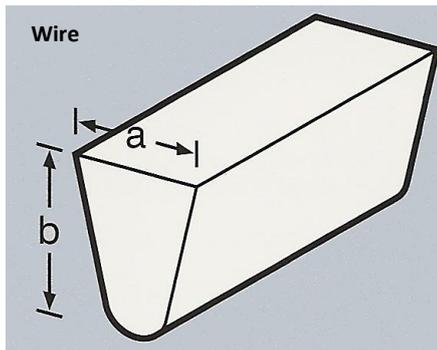
Gap's in-line resin traps comprise a filtration element of welded wire and a housing. The advantages of our resin traps include their anti-clogging, freestanding surface which can withstand extreme temperatures and pressures and their high-tolerance fine filtration.

Welded Wedge Wire Construction



Sb Welded Wedge Profile

The **Sb** range of welded wedge wire is our most frequently used profile in this application. It offers minimum resistance to passing liquids and fine particles to alleviate potential blinding. Available in a range of high grade stainless steel materials with precision forming, welding, specialist finishing and acid cleaning to meet stringent standards. Gap's Sb profiles afford endless options for numerous applications.



We are able to produce the cylindrical filters and nozzles with a slot gap as fine as 25 micron from a wide range of stainless steel materials and specialist alloys.



Please contact our Technical Sales department for more information on wire profiles and support rods suitable for all process applications, along with details of our full range of screening products

