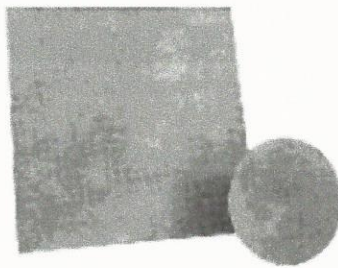


Titanium filter elements are available in plates, cylinders and custom-fabricated discs.

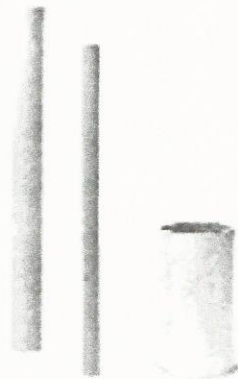
Plate Sizes

Porous plates are available in a full range of filtration grades. Thickness can be from 0.010 to 4.00 inches for most grades. Largest surface dimensions can range to 400 square inches.

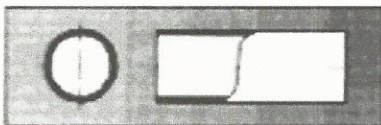


Standard size cylinders

All standard size cylinders are available in Grades Ti-2003 through Ti-4010. Other diameters and lengths are available on request.

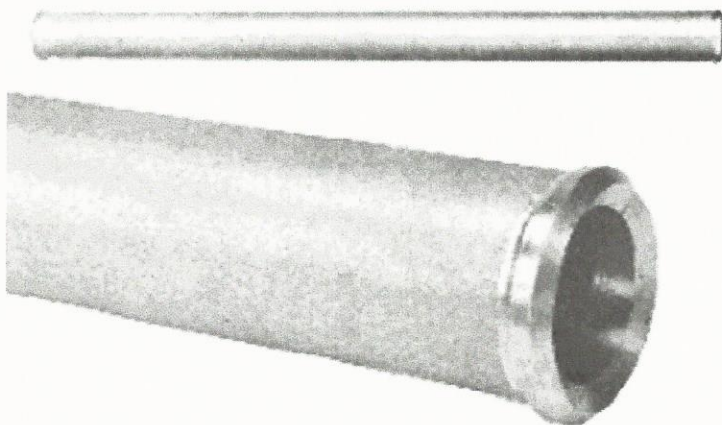


Cylindrical elements are seamless and self-supporting.



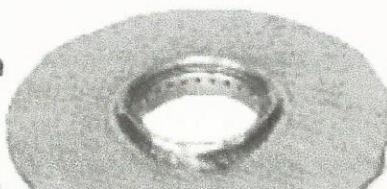
Drawing number	Nominal outside diameter (inches)	Nominal wall thickness (inches)	Lengths (inches)
H-80340	1-1/2	1/16	12 & 24
H-80360	2	1/10	12 & 24
H-80380	2-1/2	1/8	12 & 24

Note: Welded multiple lengths can be provided. Also, cylindrical elements can be fitted with welded end plates to meet your specifications.



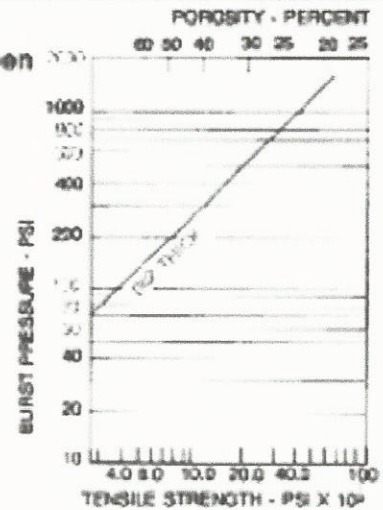
Custom fabricated disc-type filters

These disc-type filters are custom fabricated for special applications as required. The hollow disc-type filter element consists of a sintered sheet elements welded to a concentric supporting structure.

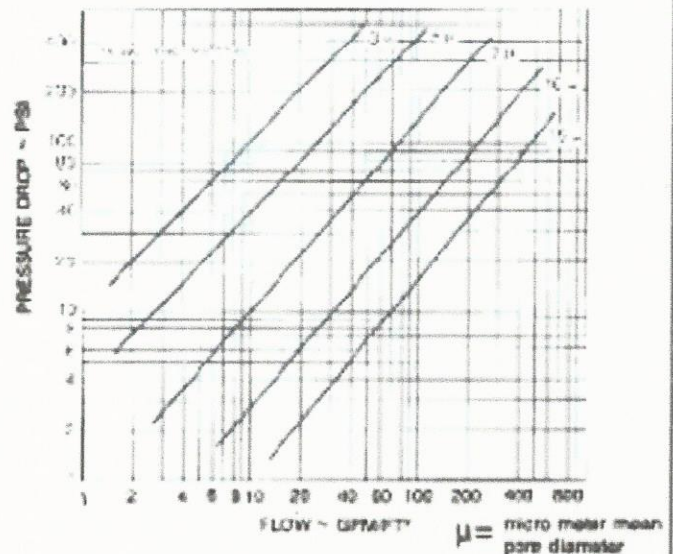


Grade	Average Porosity	Mean Pore Size (microns)	Smallest Particle Filtered Out - Liquid (microns)	Tensile Strength (PSI)	Thickness Range (inches)
2003	20%	3	1	31,300	0.010-0.125
4010	40%	10	3	10,000	0.010-0.125
5015	50%	15	5	7,000	0.015-0.250
6025	60%	25	8		0.030-4.000

Relationship Between Burst Strength, Tensile Strength and Porosity for Porous Titanium Filter Material



Water Permeability for Standard Porous Titanium Grades



Air Permeability of Standard Porous Titanium Grades

