

PERFORATION GUIDE



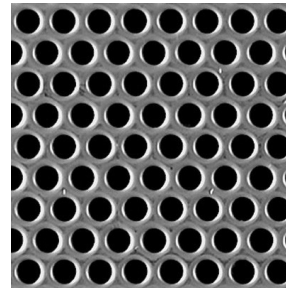
Standard & Customized Baskets

Fluidtrol's standard basket is constructed from 1/8" Perf @ 3/16" staggered centers. However, we have the capability to fabricate baskets with a variety of hole size and open area to meet the particular design requirement. All baskets are made entirely of SS316. Below are common perforation examples, but we also carry 1/16" perforation as a standard basket. Please contact us for your requirements.

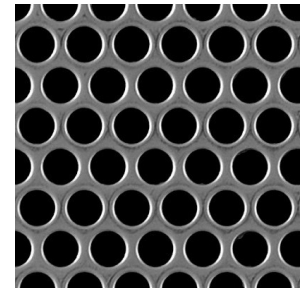
Our Baskets Are Built to Last

The strainer basket is a significant cost in the production of a basket strainer. The basket also represents the most costly replacement component for the end user. In an effort to maximize the value to the customer, Fluidtrol offers durable baskets that are built to last. We have one basket design - extra heavy duty. Our basket flange is laser cut from 12 gauge stainless, making this potentially weak point super strong. The perforated metal gauge is also a very easy differentiator for Fluidtrol and is summarized below.

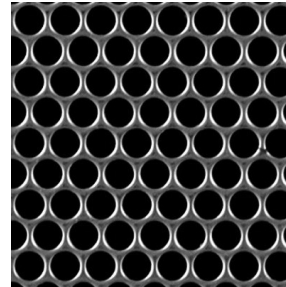
2" - 10" Strainers	12" to 16" Strainers	18" to 24" Strainers
18 Gauge	16 Gauge	14 Gauge



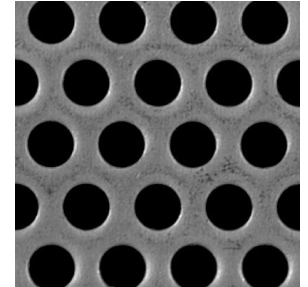
1/8" Perf @ 3/16" Centers
 33 Holes Per Sq. In.
 40% Open Area



3/16" Perf @ 1/4" Centers
 18.5 Holes Per Sq. In.
 51% Open Area

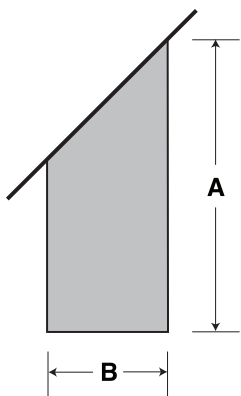


5/32" Perf @ 3/16" Centers
 33 Holes Per Sq. In.
 63% Open Area



1/4" Perf @ 3/8" Centers
 8.1 Holes Per Sq. In.
 40% Open Area

BASKET DIMENSIONS AND ENGINEERING DATA

	Strainer Size Inches	Dimension A Inches	Dimension B Inches	Basket Area Square Inches	Basket: Pipe Area Ratio	Open Area: Pipe Area Ratio (40% Open Perf.)
	3	9	4	100.5	15.6 : 1	6.2 : 1
	4	12-1/2	5-1/5	192.1	17.1 : 1	6.8 : 1
	6	15-1/2	7-1/2	320.9	12.5 : 1	5.0 : 1
	8	20-1/8	9	505.2	11.2 : 1	4.5 : 1
	10	25-3/8	10	718.3	10.2 : 1	4.1 : 1
	12	32	11	1010.3	10.1 : 1	4.0 : 1
	14	37	15	1566.1	13 : 1	5.2 : 1