



Graver Technologies

Filtration | Separation | Purification

## GSTACK Series Filter Housings

### Lenticular Depth Filter Housings

Sanitary Housing, designed for use with Graver GSTACK Series Depth Filter Modules. GSTACK housings feature highly polished finish, sanitary fittings, vent connection, and no internal threads to meet the needs of high purity applications. The vertical configured housings are constructed of all 316L SS materials as standard in sizes to hold from 1 to 4 modules. The split dome in the 3 and 4 high allow flexibility to run different number of modules and also facilitates complete cleaning when disassembled.

### Features–Benefits

- Accepts flat gasket or o-ring style lenticular filter elements
- Select from 2 diameters to accept either 12" or 16" modules
- 316L stainless steel with 180 grit finish
- 1.5" Sanitary tri-clamp Inlet & Outlet with 90 deg elbows
- Split dome for size flexibility and easy cleaning
- 0-60 psi stainless steel non-sanitary gauge
- V-Band Clamp Closure
- 60 PSIG Design Pressure
- EPDM Elastomers/Gaskets
- Non-Adjustable Legs with foot pads
- Top Vent

### Product Specifications

*Construction:* 316 L Stainless Steel wetted parts

*Shell Gasket Standard:* EPDM

*Optional Gaskets:* Buna-N, Neoprene, Viton, Silicone, Teflon Encapsulated Silicone

### Operating Parameters

*Maximum operating pressure:* 100 psig (6.9 bar) @ 200°F (93°C) in aqueous solutions  
175°F (79°C) for oil based solutions

*Flow Rate:* 1 GPM/ft<sup>2</sup> of media surface area



### Available Options

- Electropolish or <30 Ra polish for liquid contact parts
- ASME Code available
- Drains

### Typical Applications

- Pharmaceuticals
- Chemicals
- Cosmetics
- Food and beverage

## GSTACK Housing Nomenclature Information

<b>GSH</b>	<b>12</b>	<b>03</b>	<b>FG</b>	<b>TC1.5</b>	<b>E</b>	<b>-EP</b>
<b>Model</b> GSTACK Series		<b># of Modules</b>	<b>Adapter Style</b>	<b>Inlet/Outlet</b>	<b>Gasket</b>	<b>Options</b>
<b>Module Diameter</b>		<b>01</b> 1	<b>OR</b> O-Ring	<b>TC1.5</b> 1.5" Tri-clamp (for 12")	<b>S</b> Silicone	<b>EP</b> Electropolished
<b>12</b> 12"		<b>02</b> 2	<b>FG</b> Flat gasket	<b>TC2</b> 2" Tri-clamp (for 16")	<b>B</b> Buna-N	<b>D</b> Drain
<b>16</b> 16"		<b>03</b> 3			<b>E</b> EPDM	<b>G</b> Pressure gauge
		<b>04</b> 4			<b>V</b> Viton	
					<b>N</b> Nitrile	
					<b>T</b> Teflon encap. silicone	

Example: GSH 1203FGTC1.5E-EP

## GSTACK Housing Specifications

Model	Height		Base Width		Weight Empty		Filter Area*	
	(in)	(mm)	(in)	(mm)	(lbs)	(kg)	(ft <sup>2</sup> )	(m <sup>2</sup> )
GSH1201	39.6	1006	19.1	485	75	34.1	18.5	1.72
GSH1202	50.9	1293	19.1	485	93	42	37	3.44
GSH1203	62.1	1577	19.1	485	114	51.8	55.5	5.16
GSH1204	73.4	1864	19.1	485	132	59.7	64	5.95
GSH1601	39.6	1006	23.1	587	122	55.3	39.5	3.67
GSH1602	50.9	1293	23.1	587	145	65.7	79	7.34
GSH1603	62.1	1577	23.1	587	174	78.8	118.5	11.01
GSH1604	73.4	1864	23.1	587	197	89.2	158	14.68

\* Based on 16 cell pack.  
Dimensions include support legs.

### For more information

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