







# TEMPORARY CONICAL STRAINER

For more than thirty years GV Filtri produce temporary filters that are installed all around the world with the purpose to protect high value components.

Temporary GVTH cone filters are designed and manufactured in accordance with the most common and strict industrial standards and using high quality raw materials.

The cone and ring dimensions are such that they are compatible with ASME / ANSI B16.5 flanges.

The GVTH cone filters have been dimensioned in accordance with the thirty-year experience of "GV Filtri Industriali" and on the basis of internally developed computing sheets, GV can dimension special temporary filters on request to meet any customer application.

OIL & GAS	CHEMICAL & PETROL-CHEMICAL	WATER TREATMENT	ENERGY	FOOD & PHARMA	INDUSTRIAL
					

## Applications

### Oil & Gas

- Refinery Process Fluids

### Chemical & Petrochemical

- Process Fluids

### Water Treatment

- Pre-filtration

### Power Generation

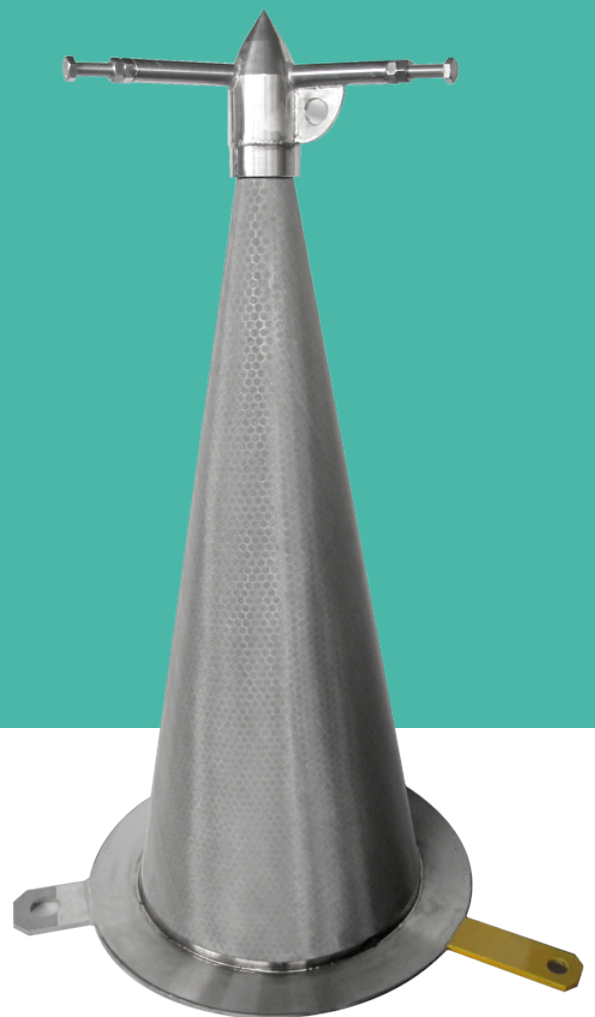
- Process Fluids • Gas Separation • Water Treatment

### Food & Pharma

- Fermentation • Cosmetic • Pre-filtration • Dairy

### Industrial

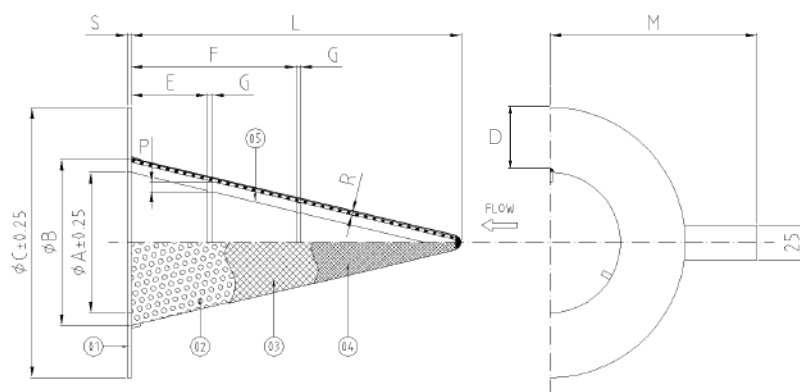
- Iron & Steel • Paints And Inks Production • Mechanic Industry • Paper Mills • Textile Industry



## Features

- GVTH strainer have been designed to satisfy the most common industrial standard, and are manufactured using only high quality raw material
- The Filtering elements is built using a support drilled plate, with holes 3" and thickness 1-2 mm, and a filtering wire mesh having a filtration degree of 40 mesh (other filtration degree available on request).
- Dimensions of core and ring are chosen to meet the dimensions on standards ASME / ANSI B16.5 flanges.
- GVTH filter have been designed on the basis of our 30 years experience and using our internal issued software. On request GV can design temporary strainer for any customer special application.
- All AISI 304 construction is our standard. Construction in other materials is available on request (i.e AISI 316, Monel, Hastelloy, Duplex S.S., Superduplex, carbon steel, etc...).
- Strainers are designed for a Dp of 3 bars for DN ≤ 24" and Dp of 2 bar for DN > 24".

## Dimensions

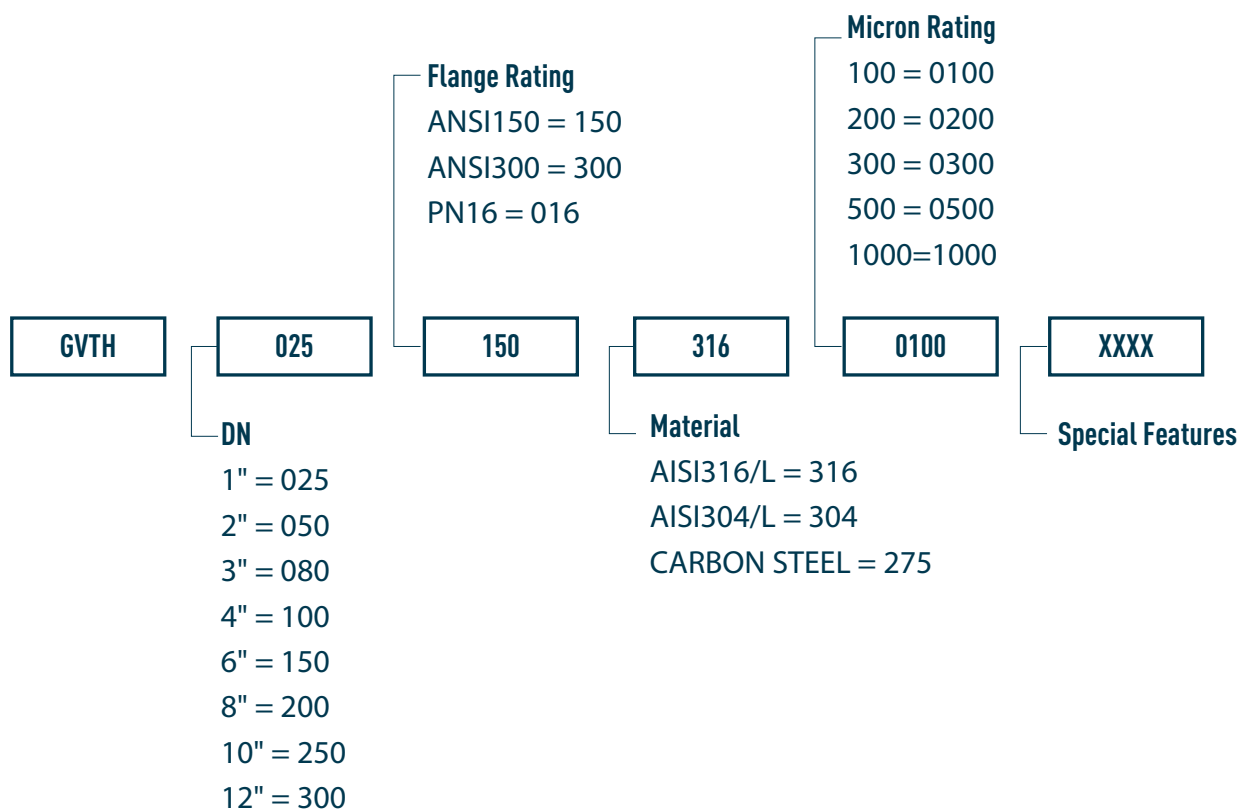


Serie ASME	DN ( inch )	Dimensions (mm)												Max th. pipe ( mm )
		A	B	C	D	E	F	G	L	M	P	R	S	
150 300 600	1"½	24	30	75	20	-	-	-	130	120	-	2	2	5,08
	2"	34	40	95	25	-	-	-	170	125	-	2	2	5,54
	2"½	44	50	108	27	-	-	-	210	135	-	2	2	7,01
	3"	57	65	130	30	-	-	-	250	145	-	2	3	7,62
	4"	80	88	160	34	-	-	-	300	180	-	2	3	8,56
	6"	126	136	220	40	-	-	-	400	220	-	2	3	10,97
	8"	173	183	275	44	-	-	-	500	250	-	3	3	10
	10"	222	232	325	44	-	-	-	600	300	-	3	3	12
	12"	268	278	385	51	-	-	-	700	320	-	3	3	14
	14"	295	305	415	53	350	-	6	800	340	15	3	3	16
	16"	343	353	475	59	400	-	6	900	380	15	3	4	18
	18"	387	397	540	64	450	-	6	1000	410	20	3	4	20
	20"	433	443	590	71	500	-	6	1100	450	20	3	4	22
	22"	475	487	645	76	550	-	8	1200	480	25	3	5	24
	24"	521	533	700	81	600	-	8	1300	510	25	3	5	26
150	26"	620	632	755	59	650	-	8	1400	480	25	3	4	6
	28"	671	683	800	55	375	800	8	1500	510	25	3	4	8
	30"	718	730	865	64	400	900	8	1500	550	25	3	4	8

## Notes

- Internal diameter ID is verified for piping having a maximum thickness of schedule 80.
- Dimensions are approximate.
- Face finish 250 AARH.
- Standard flow direction is from outside to inside; opposite direction to be requested.
- Strainer must be installed as closed as possible to the component to be protected.
- Additional filtration layers (all filtration degree could be considered).
- Special flange dimensions, finishing and shapes.
- Customized sizing for high flow rate, viscosity or special applications. Please contact our technical department for a customized sizing.

## Ordering Info



\* Contact GV Filtri for more information about Materials and Dimensions availability