







TEE FILTER

The Tee strainer, sometimes referred to as “t strainer”, is a versatile product known for its ability to be installed in both horizontal and vertical pipelines. Our line of specialty tee strainer (“t strainer”) products are made to order, customized to meet specific client applications.

OIL & GAS	CHEMICAL & PETROCHEMICAL	WATER TREATMENT	ENERGY	FOOD & PHARMA	INDUSTRIAL
					



Applications

Oil & Gas

- Refinery Process Fluids

Chemical & Petrochemical

- Process Fluids

Water Treatment

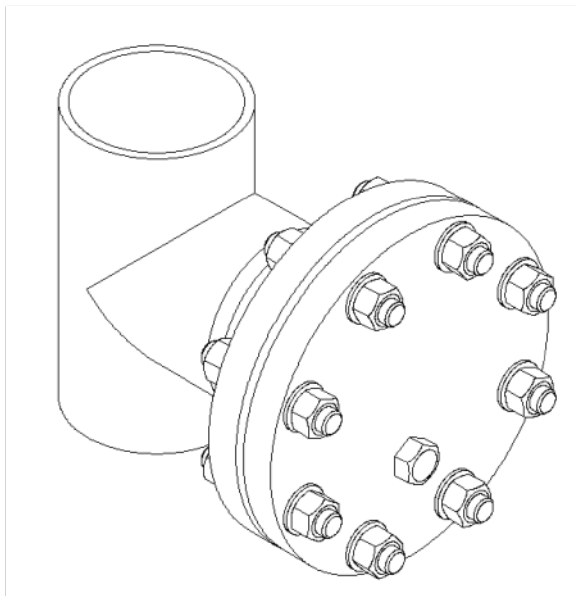
- Industrial Process Water Filtration

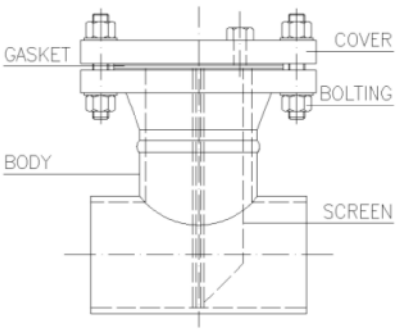
Power Generation

- Process Fluids • Gas Separation & Treatment • Water Treatment

Industrial

- Paints Water Inks Production



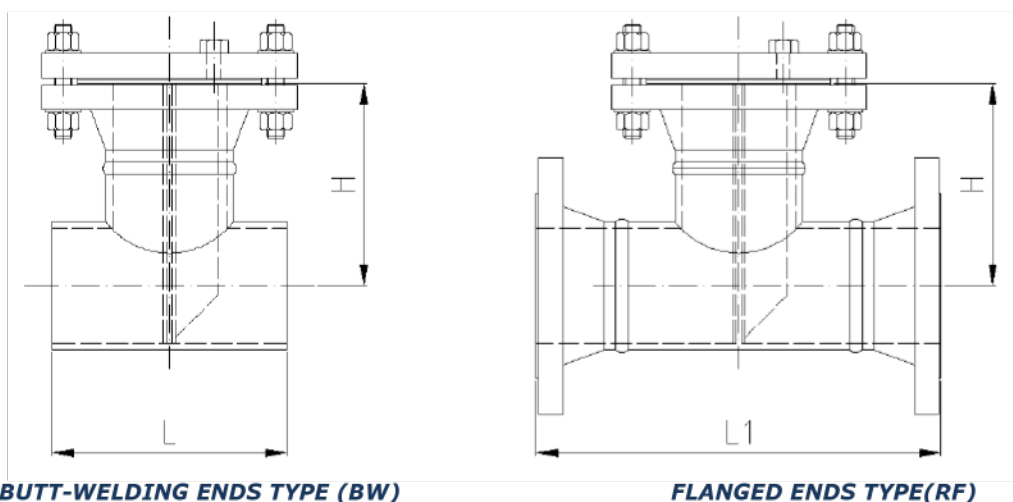
		
AVAILABLE STANDARD MATERIALS		
BODY	COVER	SCREEN
SA-234 WPB SA-234 WPL6 SA-403 WP304 SA-403 WP304L SA-403 WP316 SA-403 WP316L SA-403 WP321 UNS S31803 UNS 32760	SA-105 SA-350 LF2 SA-182 F304 SA-182 F304L SA-182 F316 SA-182 F316L	AISI 304 AISI 304L AISI 316 AISI 316L MONEL DUPLEX SUPER DUPLEX HASTELLOY
GASKET	BOLTING	PLUG
SW. S.S.+Graphite Ring Joint	SA 193 B7 + 194 2H SA 320 L7 + 194 4 SA 193 B8 + 194 8	SA-105 SA-350 LF2 SA-182 F304 SA-182 F304L SA-182 F316 SA-182 F316L
OTHERS MATERIALS AVAILABLE ON REQUEST		

Features:

- GV-TEE strainer have been designed to satisfy the most common industrial standard, and are manufactured using only high quality raw materials.
- The filtering element is built using a support drilled plate, with holes Ø3" and thickness 1÷2 mm, and a filtering wire mesh having a filtration degree of 40mesh (other filtration degree are available on request).
- The filtering element is built and checked in order to avoid any by-pass and to guarantee a complete match between it and its body.
- GV-TEE filter have been designed on the basis of our 30 years experience and using our internal issued software. On request GV can design Tee-type strainer for any customer special application.
- Standard size. From ND2" up to ND24". Other sizes are available on request.
- Surface treatment standard:
 Stainless Steel > Passivated
 Carbon Steel > SA2,5 + 75 micron primer.

Available on request:

- Additional filtration layers (all filtration degree could be considered).
- Special connections: clamp, EN, Din or special flanges.
- Davit or hinge for cover .
- NACE MR01-75 certification for raw materials.
- Customized sizing for high flow rate, viscosity or special application. Please contact our technical department for a customized sizing.
- Not standard painting types available on request.
- Drain and vent or utility connection could be added on request.
- Please contact us for any special feature request.

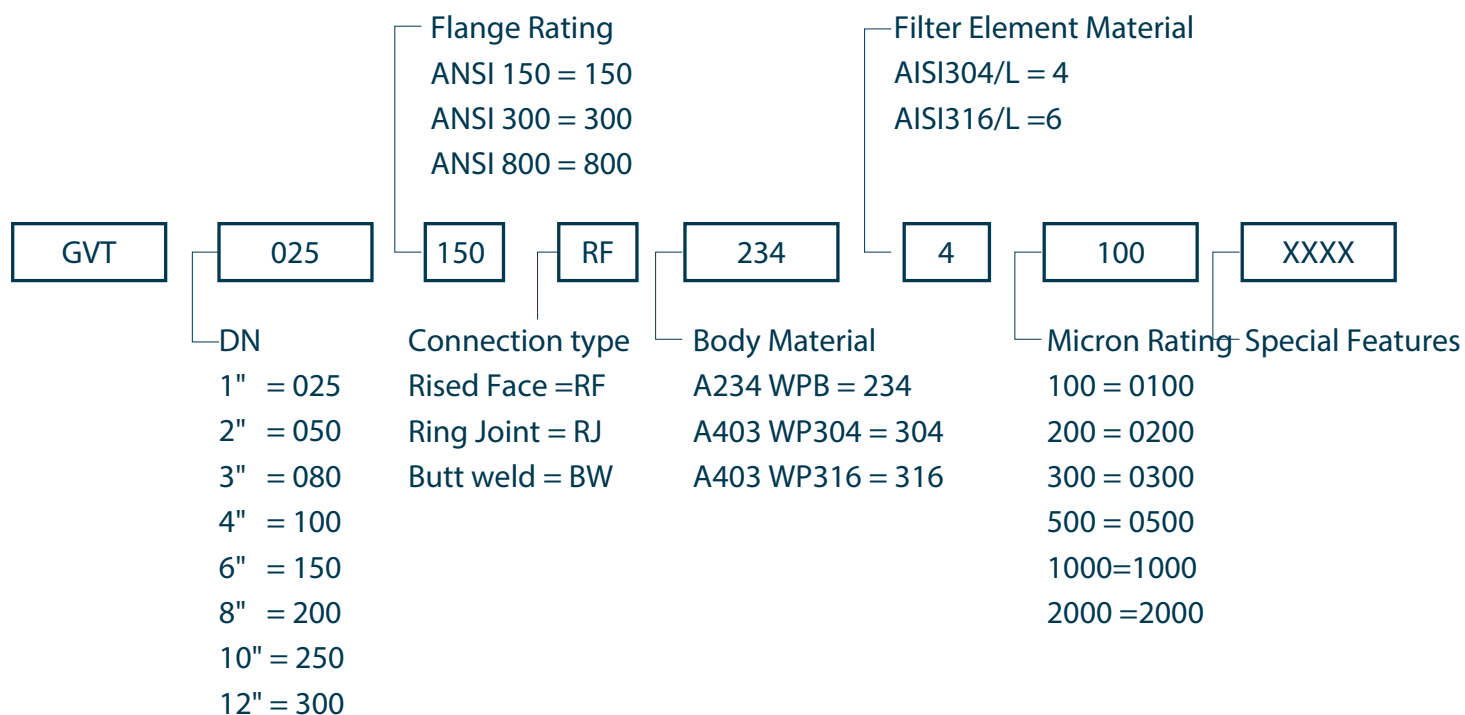


STANDARD DIMENSION (all dimensions are in mm)																					
Size	L	ANSI 150				ANSI 300				ANSI 600				ANSI 900				ANSI 1500			
		H	L1	kg BW	kg RF	H	L1	kg BW	kg RF	H	L1	kg BW	kg RF	H	L1	kg BW	kg RTJ	H	L1	kg BW	kg RTJ
2"	127	148	254	9	15	159	267	13	20	177	286	15	25	223	346	31	43	223	346	31	43
3"	172	182	312	16	26	197	331	23	37	215	350	24	41	246	391	36	66	269	422	58	78
4"	210	207	363	24	38	225	382	38	62	259	426	52	88	284	455	60	108	300	473	87	117
6"	286	260	464	43	65	280	483	71	111	323	534	100	172	359	581	126	226	416	648	201	272
8"	356	310	559	71	107	333	578	109	171	382	636	158	270	424	696	211	381	505	804	342	467
10"	432	351	635	111	161	384	667	181	269	448	750	269	451	492	816	330	585	600	963	568	772
12"	508	403	737	161	239	438	768	256	384	492	832	340	550	555	924	455	795	686	1102	854	1157
14"	560	445	814	222	324	480	846	354	530	530	903	438	692	603	1008	583	980	740	1187	1188	1615
16"	610	472	864	273	393	511	902	449	675	575	979	589	945	635	1065	700	1148	795	1268	1593	2163
18"	686	526	966	332	474	565	1004	553	821	626	1067	744	1176	700	1169	940	1540	865	1375	2096	2836
20"	762	572	1051	422	598	609	1086	688	1038	676	1156	928	1464	764	1283	1171	1920	948	1508	2689	3624
24"	864	635	1169	600	838	673	1201	982	1458	753	1283	1311	2071	895	1480	2040	3400	1080	1718	4254	5770

Notes

- Dimensions and weight are approximate. Detailed dimensions and weight are furnished after order.
- Standard bolt cover design.
- Standard screen material AISI 304 .
- GV-Tee strainer may be installed in horizontal or vertical pipeline; for installation on horizontal pipelines, the basket must be horizontal.
- Standard nominal diameter for drain on cover is ND3/4".
- Flanged ends according to ASME B16.5.
- Butt welding ends according to ASME B16.25.
- Standard face finish for RF flanged ends is 250AARH.
- Strainer must be installed as close as possible to the component to be protected.
- Flow directions is clearly indicated on strainer. Flow direction must be respected, opposite flow is not allowed.
- All welders are qualified according to ASME IX.

Ordering Info



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