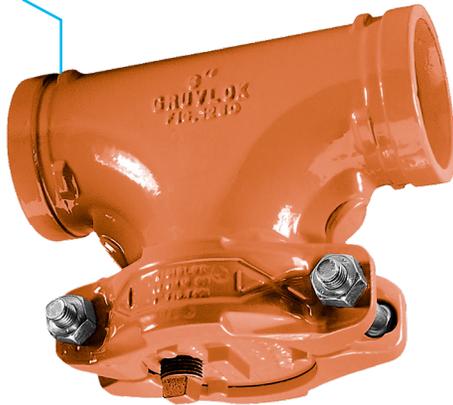
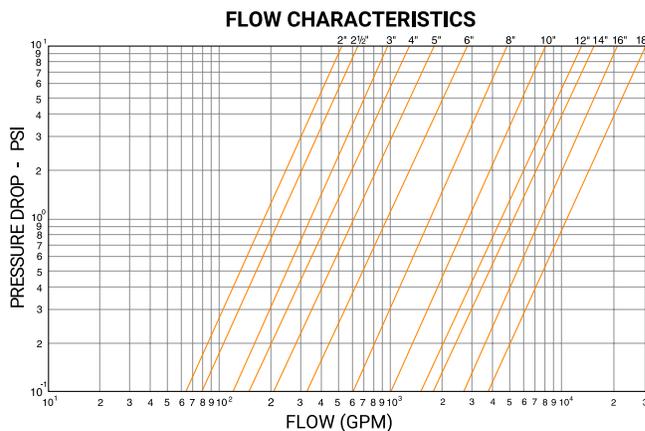


Tee Strainer Fig. 7260



The Fig. 7260 Tee Strainer provides an economical, compact and hydraulically efficient means of protecting valuable piping system components. The in-line, twin-fold strainer basket provides more than 100% of the projected pipe area for open flow through the strainer screen, which results in excellent flow performance across the strainer.

Gruvlok Strainers are designed and tested to ensure long term, reliable service in working pressures up to 750 psi (51.7 bar), depending on size and the pressure rating of the connecting coupling.



Note: Most U.S. piping engineers specify system startup instructions for new systems which include removing and cleaning the strainer screen after system flushing of main piping before the system is put into normal operation. After flushing, replace the strainer screen. Flow data values are based on flow of clean water at ambient temperatures. The pressure drop across a strainer, 50% clogged, is approximately twice as great as that of a clean strainer. Strainer baskets need a routine maintenance program to maintain efficiency and to prevent excess pressure drop caused by a clogged screen.

Material Specifications

Body

2" - 12" Ductile iron conforming to ASTM A 536, Grade 65-45-12

14" - 18" Carbon steel pipe conforming to ASTM A 53

Strainer Basket

Stainless steel type 304 bar and woven wire screen. 12 mesh in sizes 2" - 3" and 6 mesh in sizes 4" - 18".

Access Coupling & End Cap

2" - 12" Ductile iron conforming to ASTM A 536, Grade 65-45-12

14" - 18" Low carbon steel conforming to ASTM A 53

Bolts

SAE J429, Grade 5, Zinc Electroplated

Heavy Hex Nuts

ASTM A563, Grade A, Zinc Electroplated

Coupling Gaskets

Elastomer properties as designated by ASTM D 2000

Grade "E" EPDM -40°F to +230°F (service temp. range)

Grade "EP" EPDM -40°F to +250°F (service temp. range)

Other options available upon request.

Drain Plug

Carbon steel square head plug conforming to ASME B16.11

Tap Sizes

2"-4" - 1/2 NPT, 5"-8" - 3/4 NPT, 10"-18" - 1 NPT,

Coating

2" - 12" - Rust-inhibiting paint - color: orange (standard)

Hot Dip Galvanized conforming to ASTM A 153 (optional)

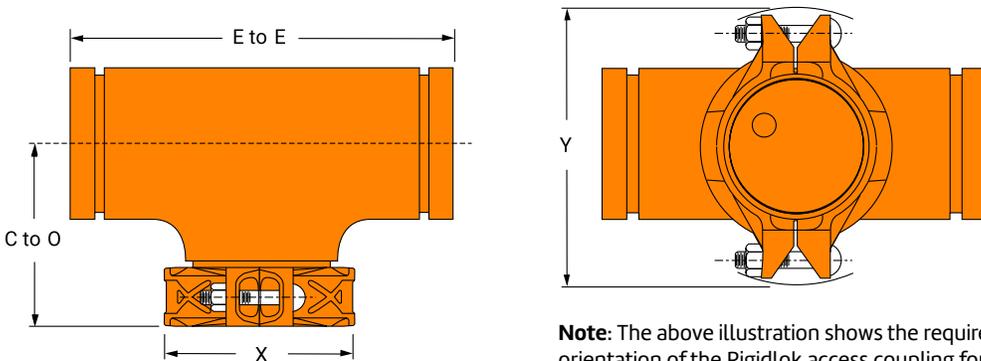
Other Colors Available (IE: RAL3000 and RAL9000)

For other Coating requirements contact an ASC Engineered Solutions Representative.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	

Tee Strainer Fig. 7260



Note: The above illustration shows the required orientation of the Rigidlok access coupling for assembly with a grooved-end flange.

Nominal Size	O.D.	Maximum* Working Pressure	E to E	C to O	X	Y	Basket Removal	Approx. Wt. Ea.
In./DN(mm)	In./mm	PSI/bar	In./mm	In./mm	In./mm	In./mm	Clearance	Lbs./Kg
2 50	2.375 60.3	750 51.7	6½ 165	4¼ 108	3½ 89	5⅞ 149	4⅜ 111	6.0 2.7
2½ 65	2.875 73.0	750 51.7	7½ 191	4¾ 121	4 102	6½ 165	5⅞ 130	8.0 3.6
3 80	3.500 88.9	750 51.7	8½ 216	5¼ 133	4¾ 121	7 178	6 152	13.0 5.9
4 100	4.500 114.3	750 51.7	10 254	6⅞ 156	5⅞ 149	8⅜ 213	7¼ 184	19.0 8.6
5 125	5.563 141.3	750 51.7	11 279	6⅞ 168	7 178	10⅞ 257	8¼ 210	30.0 13.6
6 150	6.625 168.3	750 51.7	13 330	7⅞ 194	8⅞ 206	11⅞ 283	9¾ 248	45.0 20.4
8 200	8.625 219.1	600 41.4	15½ 394	9⅞ 232	10½ 267	14⅞ 359	12 305	79.0 35.8
10 250	10.750 273.1	500 34.5	18 457	10⅞ 264	12⅞ 327	17⅞ 435	14¼ 362	133 60.3
12 300	12.750 323.9	400 27.6	20 508	11⅜ 289	15 381	19⅞ 486	16¼ 413	187 84.8
14 350	14.000 355.6	300 20.7	22 559	12¾ 324	16⅞ 410	20½ 521	17¼ 438	272 123.4
16 400	16.000 406.4	300 20.7	24 610	12 305	18⅞ 460	22¼ 565	20 508	350 158.8
18 450	18.000 457.2	300 20.7	31 787	15½ 394	20½ 521	24⅜ 619	24½ 622	400 181.4

* Maximum working pressure is based upon the performance capability of the Gruvlok Strainer. Maximum system working pressure is dependent upon the couplings used for installation and the pressure capability of other system components.

14" - 18" Fabricated

Not for use with copper systems.



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