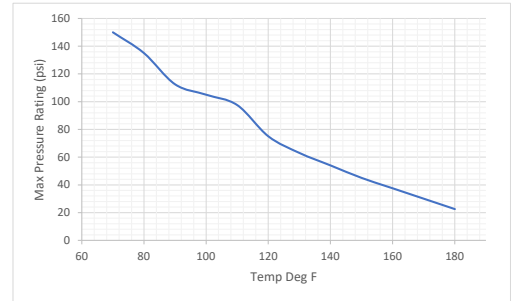


1.0 SCOPE

This specification covers requirements for Simplex PP/FRP Wye (Y) Strainers used in chemical piping systems that require corrosion resistant material.

2.0 STRAINER DESIGN

- 2.1 Strainer shall be oversized wye type.
- 2.2 Basket shall be PP, Perforations 1/4" on 3/8" centers.
- 2.3 Minimum area ratio of pipe to basket shall be 10 to 1.
- 2.4 Cover shall have 1/2" minimum drain/blowdown port.
- 2.5 Strainer shall be rated for 100 psi at 73 F.
- 2.6 Vendor shall supply min 5 years service history of applications in similar service.



3.0 CONSTRUCTION

- 3.1 Strainer body and lid shall be of dual laminate construction: PP with FRP over-wrap.
- 3.2 PP liner thickness shall be minimum SDR21.
- 3.3 All joints shall be heat fused, back-welded, and spark tested.
- 3.4 All flanges to ANSI 150 # Van Stone Type. Standard cover fastners are SS304.
- 3.5 Exterior protection is unsaturated polyester resin based high quality gel coat- 10 mils min.

4.0 STANDARDS

- 4.1 All products shall conform to or exceed the specifications as set forth in the following standards:
Cell Class PP0110-A2-1510 /ASTM D4101,
Cell Class PP0110-M30-A10120 ASTM-2467 & ASTM -2657
- 4.2 Approved supplier is Fluidtrol Process Technologies, Inc.
- 4.3 Deviations require enduser or engineering approval.

GS PP	Strainer Size	Face to Face (inch) A	Center Line (inch) B	Height (inch) C	Basket Area / Inlet Area
WY133002037	2	23	12	15 5/8	23
WY133003037	3	28	18	21 3/8	10.2
WY133004037	4	32	18	23	16.5
WY133005037	5	39	20 7/8	28 1/4	13.6
WY133006037	6	39	20 7/8	28 1/4	13.6
WY133008037	8	48	26	33 1/8	11.8
WY133010037	10	50	32 7/8	35	10.5
WY133012037	12	56	32 7/8	41 7/8	10
WY133014037	14	60	41	45 1/4	9.9

