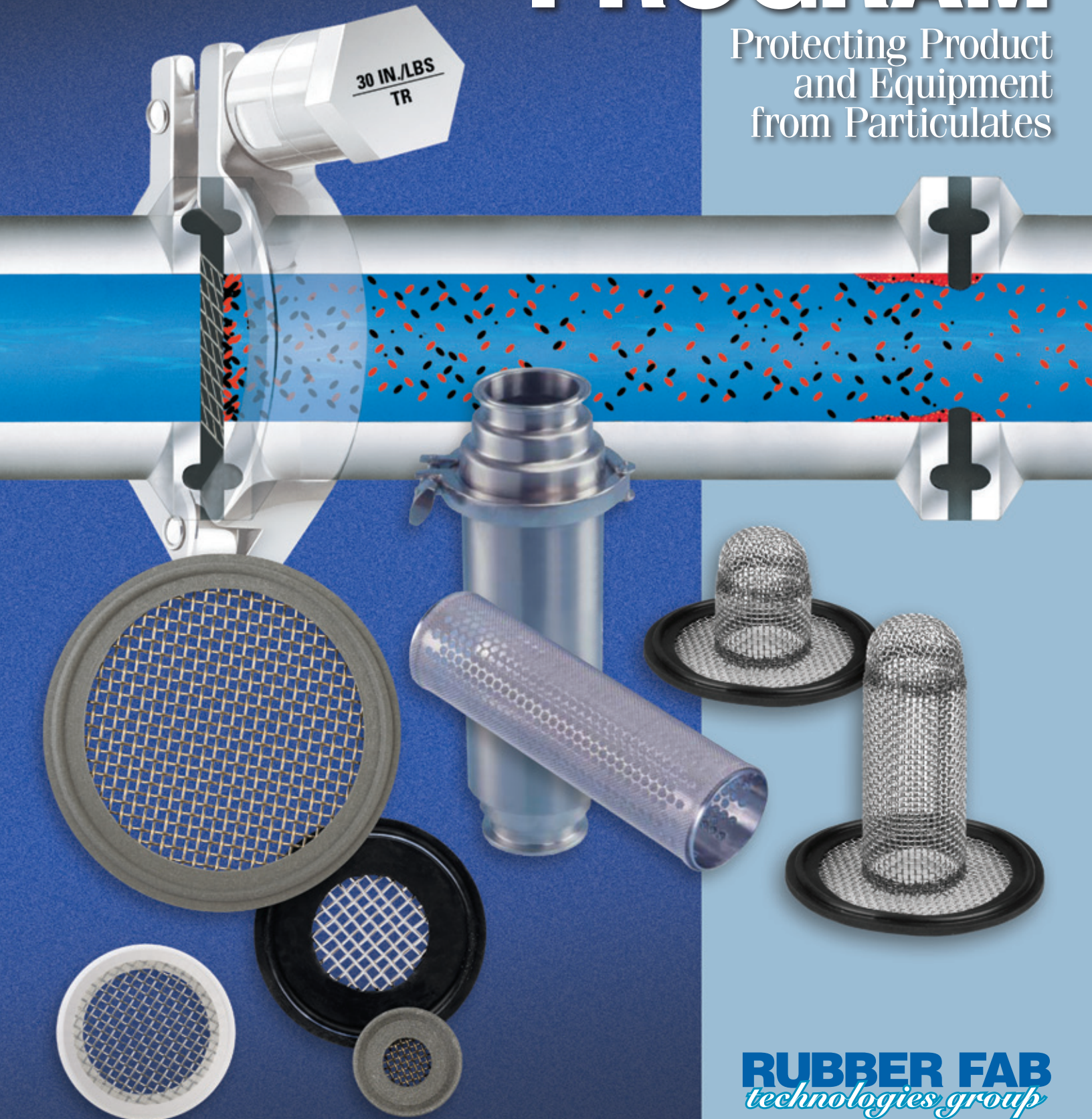


SCREENS, SOCKS AND INLINE STRAINERS FLUID FILTRATION PROGRAM

Protecting Product
and Equipment
from Particulates



RUBBER FAB
technologies group

Inline Strainers and OverScreens

Today's processing pipe lines require strainers with an increased **capacity to meet production needs of state-of-the-art Food, Beverage and Pharmaceutical manufacturing facilities**. Rubber Fab's sanitary strainers **protect valuable processing equipment** (pumps, spray nozzles, needle valves, heat exchangers and homogenizers) and have been specifically designed to meet the most stringent process requirements. Our sanitary strainer products are manufactured using 316L stainless steel and are designed for maximum installation flexibility, sanitary construction, and unrestricted flow.

Rubber Fab's Hi Capacity sanitary strainers feature a machined neck line instead of a spun neckline; a design improvement that allows higher operating pressures, greater product out! Our Hi Capacity strainers also **provide triple the effective filter area** as standard Inline and Side Inlet units; increasing run time, and reducing costly down-time.

High Quality – High Performance – In Stock and Ready to Ship

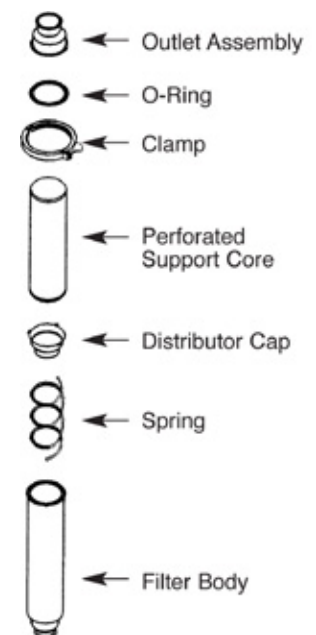
- New sanitary screen and strainer equipment as well as comparable replacement parts for Alpha Inline Series of strainers
- Triples the effective filter area of any standard Inline and Side inlet units
- Allows longer run times while reducing production downtime
- Machined neckline allows higher operating pressures
- Fabricated using 316L Stainless Steel
- Extensive inventory eliminates long lead times
- Available as Inline Sanitary Strainers, Hi-Capacity Sanitary Strainers, Side Inlet Sanitary Strainers and Custom Fabricated Sanitary Strainers



Rubber Fab's full line of component parts for Inline Strainers.

Rubber Fab's **Inline and Side Inlet sanitary strainers** are available in single length and double length models, both providing cost effective filtration. Rubber Fab's strainer housing accepts a wide range of re-usable strainer elements, wire mesh overscreens, hygienic (hyg) overscreens, wedge wire and disposable filter socks. Rubber Fab's Side Inlet sanitary strainers use the same wire mesh overscreens and filter socks as the Inline units. The Side Inlet, however, is specially designed to accommodate piping configurations using a side inlet.

Rubber Fab's wire Mesh basket liners are continuously resistance spot welded inside the perforated support basket, providing a snag free seam. When in use the mesh lined perforated basket strainer seats on a machined neckline inside the housing and the strainer bucket's handle rests against the underside of the top cover. **This design ensures that product cannot bypass the mesh lined strainer basket.**



Rubber Fab's Fluid Filtration Gaskets

Rubber Fab's sanitary fluid filtration gaskets are designed to be interchangeable with standard sanitary clamp gaskets. You can choose a screen gasket in a USP Class VI elastomer or fluoroelastomer in a variety of mesh sizes, **10 micron through 4 mesh**. Most of which are available for shipment on the day of order. Our fluid filtration gaskets are also **available in metal detectable elastomers** for use with metal detection systems. We hope after you have reviewed the Rubber Fab Technologies Group's Fluid Filtration Program, you will once again discover...*the Rubber Fab Difference*.

Providing a Full Range of Particulate Elimination

If the complete elimination of particulates is critical to the **CGMP** in your injectable filled product, chromatography, columns, upstream particulate removal, or downstream filtration, consider the full range of **Rubber Fab's Fluid Filtration technology**.

Fluid filtration gaskets provide the most comprehensive range of stainless steel mesh and filter cloth which provide for **particulate elimination** to protect fill and finish sterile products. As illustrated here, you can see a progressive large to fine particulate elimination system utilizing **10, 20, 40, 60 and 100 mesh screens**.

Our screen construction is Dutch Twill weave which provides for maximum strength and minimum pressure drop.

Materials Available

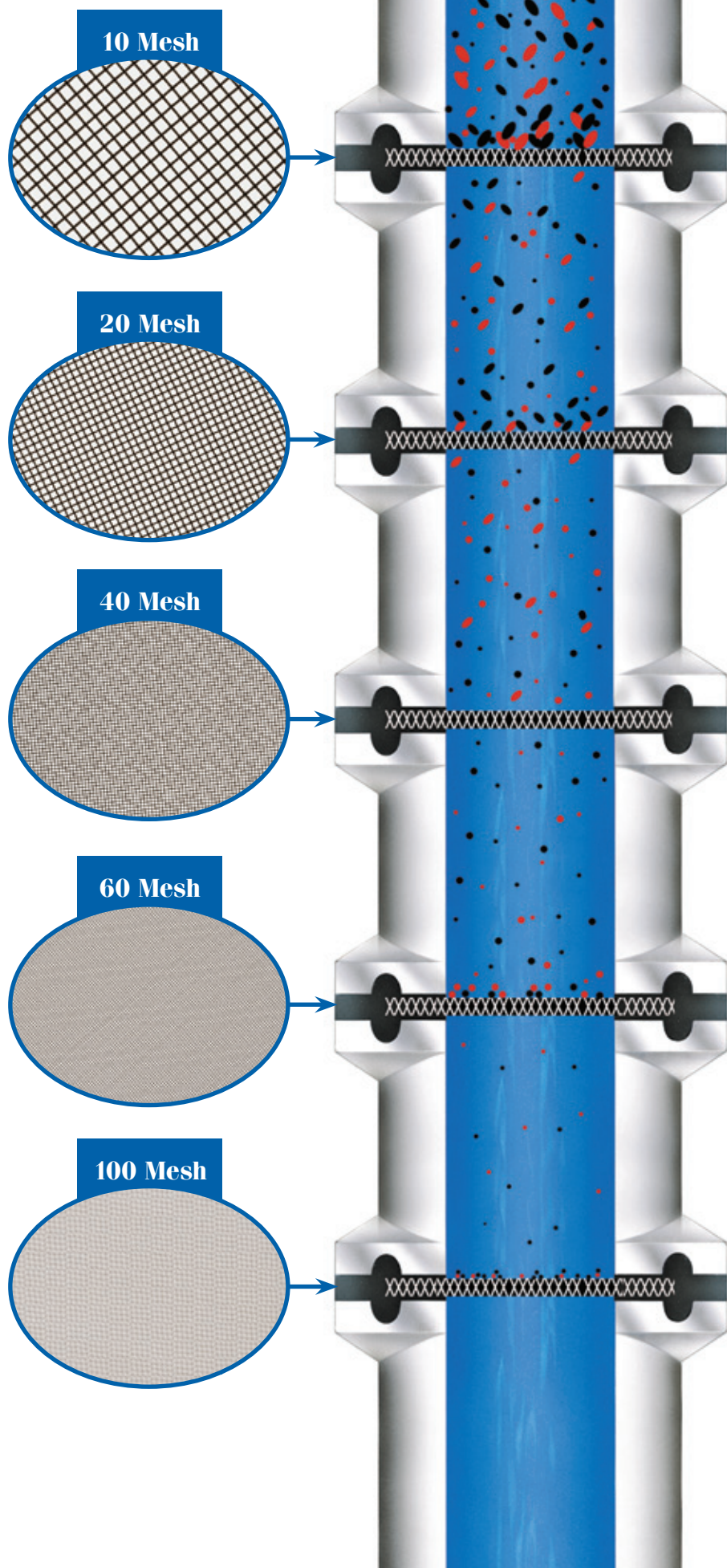
Fluid filtration gaskets are manufactured in the following elastomers:

- FKM Fluoroelastomer
- EPDM
- Platinum Silicone
- Buna*
- PTFE (fluoropolymer)
- Tuf-Steel®

* Buna-N does not pass U.S. Pharmacopeia Class VI Certification and Cytotoxicity.

Available Sizes

- Mini, 1/2", 3/4"
- 1", 1-1/2", 2", 2-1/2", 3", 4" and 6" sanitary screen gaskets



Perforated Plate Gaskets

Rubber Fab also offers a full line of perforated plate gaskets.

Perforations Available

- .033", .045", .062", .094", .125", .187" and .250" standard
- Consult factory for custom hole configurations

Available Sizes

- 1", 1-1/2", 2", 2-1/2", 3", 4" and 6"

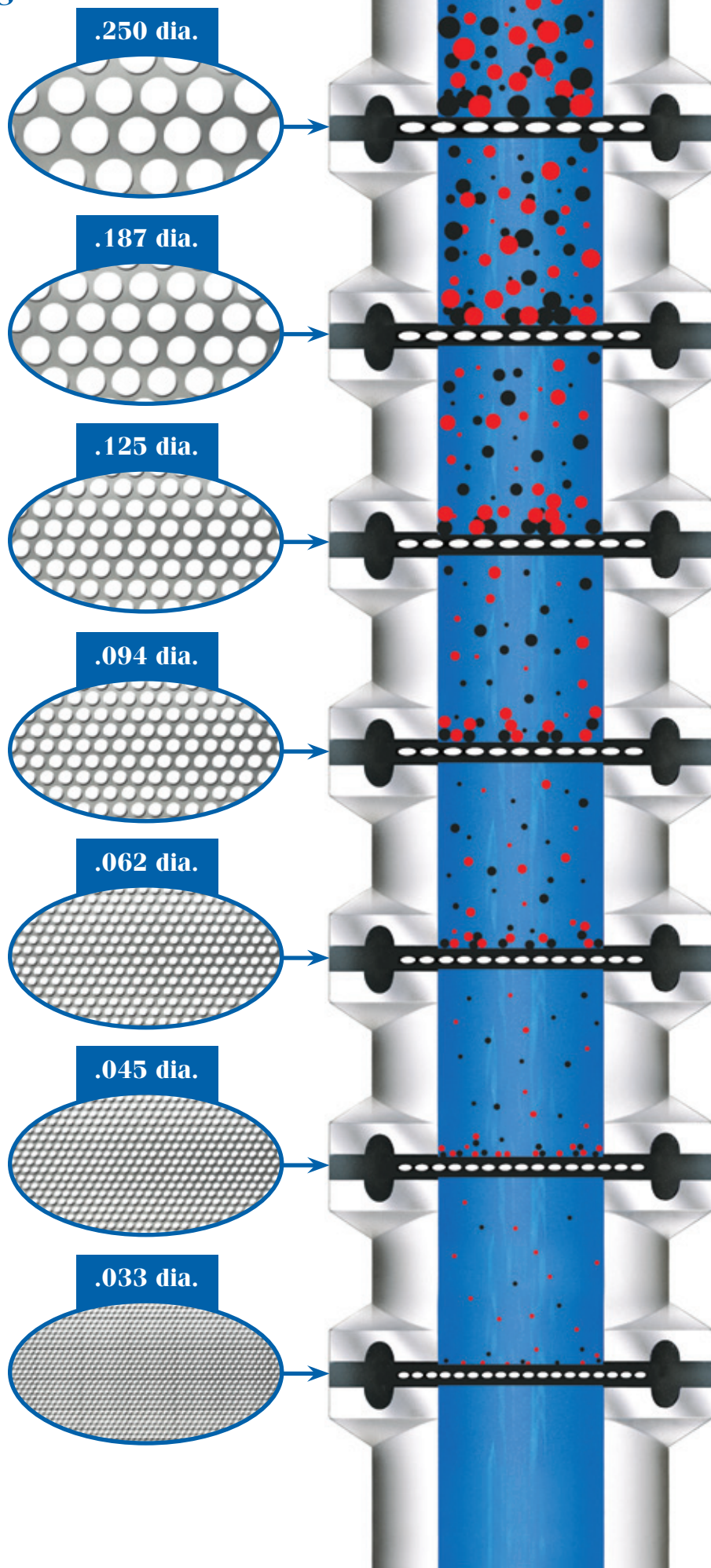
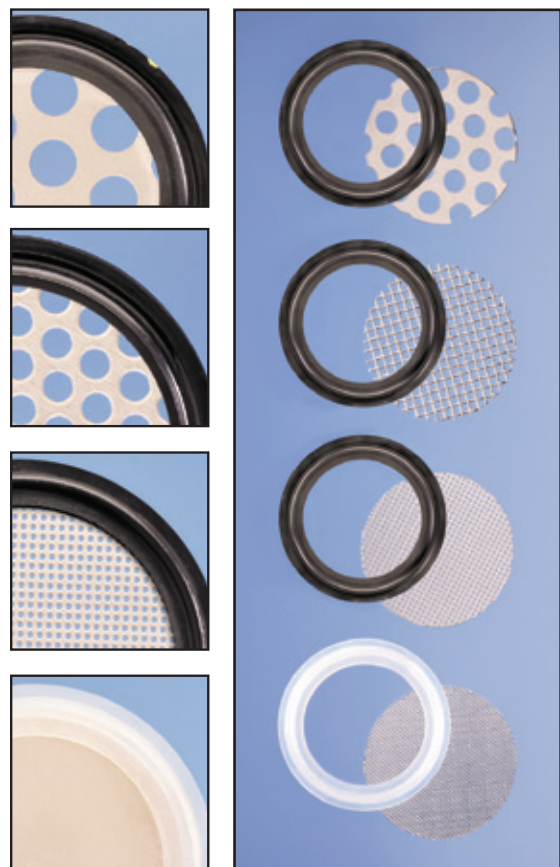
Materials Available

- FKM Fluoroelastomer
- EPDM
- Platinum Silicone
- Buna*
- PTFE (fluoropolymer)
- Tuf-Steel®

* Buna-N does not pass U.S. Pharmacopeia Class VI Certification and Cytotoxicity.

Also Available

- Removable gasket holders available for all discs
- Screen disc inserts
- Perforated disc inserts
- Orifice plate inserts



Sock Screens: Fluid filtration gaskets designed for greater soil capacity

The extended sock shaped mesh gasket offers up to **300% more open area for 300% more soil collection capability than conventional screens.**

They provide **greater flow** for situations where a large amount of particulates are involved. Due to the large capacity and open screen area, sock screens **require less service** therefore **reducing down time and costly changeouts**, a major consideration with inline pharmaceutical processing.

While **protecting expensive processing pumps and equipment from foreign matter**, sock screens are especially effective in **decreasing pump wear and burnout** while **increasing energy conservation**. Regularly used in the transfer of liquids from a bulk tank to a tank truck and/or in the opposite direction, sanitary sock screens are specifically designed for high volume applications with low pressure drop.

Superior Quality

- Rubber Fab sock design assures a tight fit while allowing continuous fluid flow and filtration.
- Durable 316 Stainless Steel with the elastomer of your choice:
 - EPDM
 - Silicone
 - FKM
 - Buna
- Available in 10 mesh to 325 mesh with standard 16 mesh and 20 mesh in stock.
- Available configurations:
 - Tri-Clamp®
 - Bevel Seat
 - Cam & Groove



Superior Performance

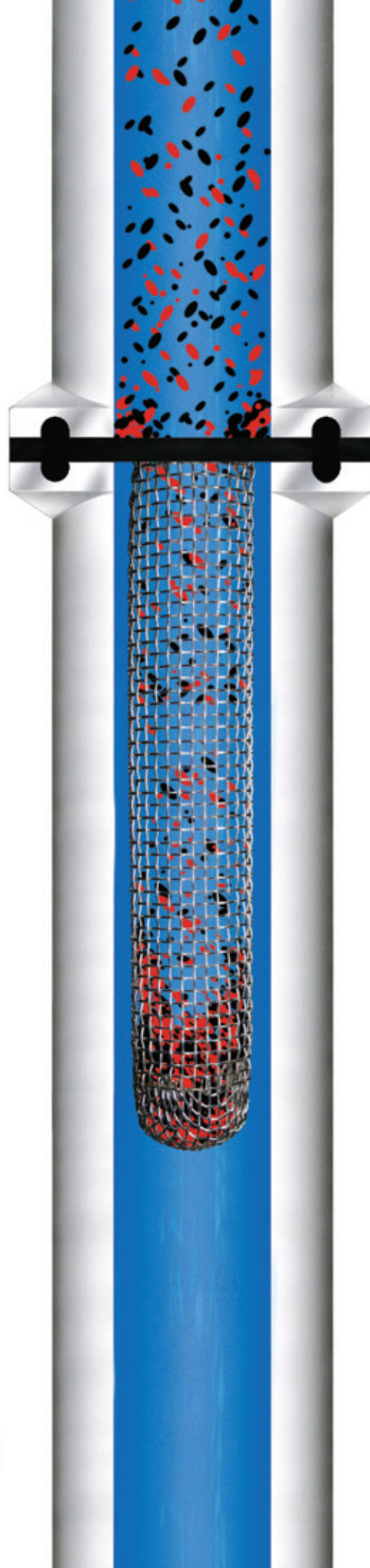
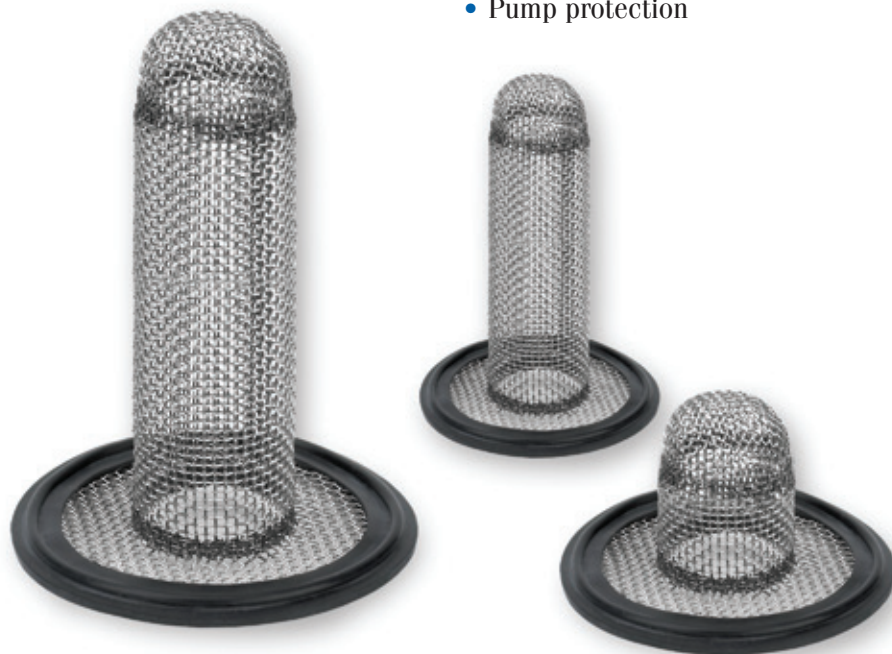
- Fully reusable for an average of 250 to 300 procedures.
- Eliminates leaks and breakage in your lines.

Superior Economy

- Dramatically increases unloading pressures for smoother operation.

Applications

- Inline fluid conditioning
- Pump protection



Fluid Filtration Screen Reference Chart

APPROX. RETENTION MICRONS	OPENING (INCHES)	MESH (WIRES/INCH)	OPEN AREA %	FILTER CLOTH MESH	FILTER CLOTH THICKNESS
5156	0.203	4 x 4	65.9	—	—
3340	0.110	6 x 6	62.4	—	—
2464	0.097	8 x 8	60.2	—	—
1905	0.075	10 x 10	56.3	—	—
1532	0.060	12 x 12	52.4	—	—
1306	0.051	14 x 14	51.8	—	—
1130	0.045	16 x 16	50.7	—	—
979	0.039	18 x 18	48.2	—	—
864	0.034	20 x 20*	46.2	—	—
703	0.028	24 x 24	44.1	—	—
516	0.020	30 x 30	37.2	—	—
381	0.015	40 x 40*	36.0	—	—
318	0.013	50 x 50*	30.3	—	—
233	0.009	60 x 60	30.3	—	—
160	0.007	80 x 80*	31.4	—	—
140	0.006	100 x 100*	30.3	—	—
118	0.005	120 x 120	30.9	—	—
103	0.004	150 x 150	37.2	—	—
96	—	—	—	20 x 200	0.033
80	0.003	180 x 180	34.3	—	—
74	0.002	200 x 200	33.6	—	—
70	—	—	—	120 x 180	0.010
65	—	—	—	120 x 200	0.009
61	0.002	250 x 250	36.0	—	—
50	—	—	—	120 x 330	0.010
43	0.001	325 x 325	—	—	—
40	—	—	—	120 x 400	0.009
35	—	—	—	120 x 500	0.009
30	—	—	—	120 x 600	0.009
25	—	—	—	200 x 600	0.006
21	—	—	—	200 x 830	0.006
10	—	—	—	200 x 1150	0.006

*Stock Items in Stainless Steel 316. Also available: Hastelloy, Membrane Inserts, and PTFE Screen (limited mesh for removable gasket holders only).

Perforated Plate Reference Chart

DIAMETER DECIMALS	DIAMETER FRACTION INCHES	CENTER TYPE	HOLES PER SQ. INCH	OPEN AREA %
.033"		.055" STRAIGHT LINE CENTERS	330	29%
.033"		.074" STRAIGHT LINE CENTERS	232	20%
.045"		.066" STRAIGHT LINE CENTERS	225	37%
.045"		.089" STRAIGHT LINE CENTERS	167	28%
.045"		.098" STRAIGHT LINE CENTERS	120	19%
.062"	1/16"	.094" STRAIGHT LINE CENTERS	132	41%
.062"	1/16"	.100" STRAIGHT LINE CENTERS	100	31%
.094"	3/32"	.156" STRAIGHT LINE CENTERS	46	33%
.094"	3/32"	.187" STRAIGHT LINE CENTERS	33	23%
.094"	3/32"	.250" STRAIGHT LINE CENTERS	18	13%
.125"	1/8"	.187" STRAIGHT LINE CENTERS	33	40%
.125"	1/8"	.219" STRAIGHT LINE CENTERS	33	32%
.125"	1/8"	.250" STRAIGHT LINE CENTERS	33	23%
.187"	3/16"	.250" STRAIGHT LINE CENTERS	18	50%
.187"	3/16"	.312" STRAIGHT LINE CENTERS	12	32%
.187"	3/16"	.375" STRAIGHT LINE CENTERS	8	23%
.250"	1/4"	.375" STRAIGHT LINE CENTERS	330	40%
.250"	1/4"	.437" STRAIGHT LINE CENTERS	330	30%
.250"	1/4"	.500" STRAIGHT LINE CENTERS	330	20%

Need Help? Additional information is available at www.rubberfab.com.

For specific or technical information, contact Rubber Fab at 973-579-2959, or sales@rubberfab.com.

Rubber Fab Sanitary Strainers: Inline

**See strainer component illustration for reference.

COMPLETE STRAINER ASSEMBLIES		ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
SINGLE LENGTH (15-3/4") 1/8" HOLES		1" TC SIZE	1-1/2" TC SIZE	2" TC SIZE	2-1/2" TC SIZE	3" TC SIZE
RUBBER FAB PT#	RFILS-100-S-.125-316	RFILS-150-S-.125-316	RFILS-200-S-.125-316	RFILS-250-S-.125-316	RFILS-300-S-.125-316	
COMPARE TO: ALPHA PT#	SM1-1-E-316	SM1-1 1/2-E-316	SM1-2-E-316	SM1-2 1/2-E-316	SM1-3-E-316	
DOUBLE LENGTH (35-3/8") 1/8" HOLES						
RUBBER FAB PT#	RFILS-100-D-.125-316	RFILS-150-D-.125-316	RFILS-200-D-.125-316	RFILS-250-D-.125-316	RFILS-300-D-.125-316	
COMPARE TO: ALPHA PT#	SM2-1-E-316	SM2-1 1/2-E-316	SM2-2-E-316	SM2-2 1/2-E-316	SM2-3-E-316	
SINGLE LENGTH (15-3/4") 1/4" HOLES						
RUBBER FAB PT#	RFILS-100-S-.250-316	RFILS-150-S-.250-316	RFILS-200-S-.250-316	RFILS-250-S-.250-316	RFILS-300-S-.250-316	
COMPARE TO: ALPHA PT#	SM1-1-G-316	SM1-1 1/2-G-316	SM1-2-G-316	SM1-2 1/2-G-316	SM1-3-G-316	
DOUBLE LENGTH (35-3/8") 1/4" HOLES						
RUBBER FAB PT#	RFILS-100-D-.250-316	RFILS-150-D-.250-316	RFILS-200-D-.250-316	RFILS-250-D-.250-316	RFILS-300-D-.300-316	
COMPARE TO: ALPHA PT#	SM2-1-G-316	SM2-1 1/2-G-316	SM2-2-G-316	SM2-2 1/2-G-316	SM2-3-G-316	
STRAINER INDIVIDUAL COMPONENTS**		ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
A – OUTLET ASSEMBLY		1" TC SIZE	1-1/2" TC SIZE	2" TC SIZE	2-1/2" TC SIZE	3" TC SIZE
RUBBER FAB PT#	RFILS-100-OCAP-316L	RFILS-150-OCAP-316L	RFILS-200-OCAP-316L	RFILS-250-OCAP-316L	RFILS-300-OCAP-316L	
COMPARE TO: ALPHA PT#	FM1-1-01-316L	FM1-11/2-01-316L	FM1-2-01B-316L	FM1-21/2-01-316L	FM1-3-01-316L	
B – SANITARY TC GASKET (BUNA N)						
RUBBER FAB PT#	40MPU-400	40MPU-400	40MPU-400	40MVFU-400	40MVFU-400	
COMPARE TO: ALPHA PT#	40MPU-4	40MPU-4	40MPU-4	40MVU-4	40MVU-4	
B – SANITARY TC GASKET (SFY)						
RUBBER FAB PT#	40MPSFY-400	40MPSFY-400	40MPSFY-400	40MVFSFY-400	40MVFSFY-400	
COMPARE TO: ALPHA PT#	40MPSFY-4	40MPSFY-4	40MPSFY-4	40MVSFY-4	40MVSFY-4	
B – SANITARY TC GASKET (EPDM)						
RUBBER FAB PT#	40MPE-400	40MPE-400	40MPE-400	40MPFE-400	40MPFE-400	
COMPARE TO: ALPHA PT#	40MPE-4	40MPE-4	40MPE-4	40MVE-4	40MVE-4	
C – CLAMP						
RUBBER FAB PT#	13MHHM-304-400	13MHHM-304-400	13MHHM-304-400	13MHHM-V-304-400	13MHHM-V-304-400	
COMPARE TO: ALPHA PT#	13MHHM-4-S	13MHHM-4-S	13MHHM-4-S	13MHHVM-4-S	13MHHVM-4-S	
STRAINER INDIVIDUAL COMPONENTS**		ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
D – PERFORATED CORES		1" TC SIZE	1-1/2" TC SIZE	2" TC SIZE		
3" DIA. (SINGLE LENGTH 15-3/4") 1/8" DIA. HOLES	RUBBER FAB PT#	RFILS-100-PC-S-.125-316L	RFILS-150-PC-S-.125-316L	RFILS-200-PC-S-.125-316L	RFILS-250-PC-S-.125-316L	RFILS-300-PC-S-.125-316L
	COMPARE TO: ALPHA PT#	F1-1-09-E	F1-1-09-E	F1-1-09-E	F1-1-09-E	F1-1-09-E
3" DIA. (SINGLE LENGTH 15-3/4") 1/4" DIA. HOLES	RUBBER FAB PT#	RFILS-100-PC-S-.250-316L	RFILS-150-PC-S-.250-316L	RFILS-200-PC-S-.250-316L	RFILS-250-PC-S-.250-316L	RFILS-300-PC-S-.250-316L
	COMPARE TO: ALPHA PT#	F1-1-09-G	F1-1-09-G	F1-1-09-G	F1-1-09-G	F1-1-09-G
3" DIA. (DOUBLE LENGTH 35-3/8") 1/8" DIA. HOLES	RUBBER FAB PT#	N/A	RFILS-150-PC-D-.125-316L	RFILS-200-PC-D-.125-316L	RFILS-250-PC-D-.125-316L	RFILS-300-PC-D-.125-316L
	COMPARE TO: ALPHA PT#	N/A	F2-1-09-E	F2-1-09-E	F2-1-09-E	F2-1-09-E
3" DIA. (DOUBLE LENGTH 35-3/8") 1/4" DIA. HOLES	RUBBER FAB PT#	N/A	RFILS-150-PC-D-.250-316L	RFILS-200-PC-D-.250-316L	RFILS-250-PC-D-.250-316L	RFILS-300-PC-D-.250-316L
	COMPARE TO: ALPHA PT#	N/A	F2-1-09-G	F2-1-09-G	F2-1-09-G	F2-1-09-G
D – PERFORATED CORES		2-1/2" TC SIZE	3" TC SIZE			
3.5" DIA. (SINGLE LENGTH 15-3/4") 1/8" DIA. HOLES	RUBBER FAB PT#	RFILS-250-PC-S-.125-316L	RFILS-300-PC-S-.125-316L			
	COMPARE TO: ALPHA PT#	F1-21/2-09-E	F1-21/2-09-E			
3.5" DIA. (SINGLE LENGTH 15-3/4") 1/4" DIA. HOLES	RUBBER FAB PT#	RFILS-250-PC-S-.250-316L	RFILS-300-PC-S-.250-316L			
	COMPARE TO: ALPHA PT#	F1-21/2-09-G	F1-21/2-09-G			
3.5" DIA. (DOUBLE LENGTH 35-3/8") 1/8" DIA. HOLES	RUBBER FAB PT#	RFILS-250-PC-D-.125-316L	RFILS-300-PC-D-.125-316L			
	COMPARE TO: ALPHA PT#	F2-21/2-09-E	F2-21/2-09-E			
3.5" DIA. (DOUBLE LENGTH 35-3/8") 1/4" DIA. HOLES	RUBBER FAB PT#	RFILS-250-PC-D-.250-316L	RFILS-300-PC-D-.250-316L			
	COMPARE TO: ALPHA PT#	F2-21/2-09-G	F2-21/2-09-G			
INDIVIDUAL STRAINER COMPONENTS**		ITEM#	ITEM#	ITEM#	ITEM#	ITEM#
E – DISTRIBUTOR CAP		1" TC SIZE	1-1/2" TC SIZE	2" TC SIZE	2-1/2" TC SIZE	3" TC SIZE
RUBBER FAB PT#	RFILS-100-DCAP-316L	RFILS-150-DCAP-316L	RFILS-200-DCAP-316L	RFILS-250-DCAP-316L	RFILS-300-DCAP-316L	
COMPARE TO: ALPHA PT#	F1-1-06-316L	F1-1-06-316L	F1-1-06-316L	F1-21/2-06-316L	F1-21/2-06-316L	
F – SPRING						
RUBBER FAB PT#	RFICS-100-SPR-316L	RFICS-150-SPR-316L	RFICS-200-SPR-316L	RFICS-250-SPR-316L	RFICS-300-SPR-316L	
COMPARE TO: ALPHA PT#	F1-1-07A-316L	F1-1-07A-316L	F1-1-07A-316L	F1-21/2-07A-316L	F1-21/2-07A-316L	
G – FILTER BODY (SINGLE LENGTH 15-3/4")						
RUBBER FAB PT#	RFILS-100-FBDY-S-316L	RFILS-150-FBDY-S-316L	RFILS-200-FBDY-S-316L	RFILS-250-FBDY-S-316L	RFILS-300-FBDY-S-316L	
COMPARE TO: ALPHA PT#	FM1-1-02A-316L	FM1-11/2-02A-316L	FM1-2-02A-316L	FM1-21/2-02A-316L	FM1-3-02A-316L	
G – FILTER BODY (DOUBLE LENGTH 35-3/8")						
RUBBER FAB PT#	RFILS-100-FBDY-D-316L	RFILS-150-FBDY-D-316L	RFILS-200-FBDY-D-316L	RFILS-250-FBDY-D-316L	RFILS-300-FBDY-D-316L	
COMPARE TO: ALPHA PT#	N/A	FM2-11/2-02A-316L	FM2-2-02A-316L	FM2-21/2-02A-316L	FM2-3-02A-316L	

Need Help? Additional information is available at www.rubberfab.com.

For specific or technical information, contact Rubber Fab at 973-579-2959, or sales@rubberfab.com.

Wire Mesh OverScreens: 1", 1½" and 2" Sanitary TC Gasket Line Sizes

Nominal Dimensions (Single Length): 3" dia. X 10-7/8" long

Nominal Dimensions (Double Length): 3" dia. X 30-3/4" long

MATERIAL: 316L SS TOTAL OVERSCREEN SURFACE AREA -					(102.49 SQ. IN.)	(102.49 SQ. IN.)	(289.81 SQ. IN.)	(289.81 SQ. IN.)
MESH	WIRE DIA. (INCHES)	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	OPEN AREA PERCENTAGE	SINGLE LENGTH RUBBER FAB#	COMPARE TO: SINGLE LENGTH ALPHA #	DOUBLE LENGTH RUBBER FAB#	COMPARE TO: DOUBLE LENGTH ALPHA #
10 x 10	0.025	0.075	1905	56.30%	RFILS-1/1.5/2-OS-S-10SS	N/A	RFILS-1/1.5/2-OS-D-10SS	N/A
12 x 12	0.023	0.060	1524	51.80%	RFILS-1/1.5/2-OS-S-12SS	N/A	RFILS-1/1.5/2-OS-D-12SS	N/A
14 x 14	0.020	0.051	1295	51.00%	RFILS-1/1.5/2-OS-S-14SS	N/A	RFILS-1/1.5/2-OS-D-14SS	N/A
16 x 16	0.018	0.045	1130	50.70%	RFILS-1/1.5/2-OS-S-16SS	S1-1-44R-316L	RFILS-1/1.5/2-OS-D-16SS	S2-1 1/2-44R-316L
18 x 18	0.017	0.039	980	48.30%	RFILS-1/1.5/2-OS-S-18SS	N/A	RFILS-1/1.5/2-OS-D-18SS	N/A
20 x 20	0.016	0.034	864	46.20%	RFILS-1/1.5/2-OS-S-20SS	S1-1-44P-316L	RFILS-1/1.5/2-OS-D-20SS	S2-1 1/2-44P-316L
24 x 24	0.014	0.028	704	44.20%	RFILS-1/1.5/2-OS-S-24SS	N/A	RFILS-1/1.5/2-OS-D-24SS	N/A
30 x 30	0.013	0.020	516	37.10%	RFILS-1/1.5/2-OS-S-30SS	S1-1-44T-316L	RFILS-1/1.5/2-OS-D-30SS	S2-1 1/2-44T-316L
40 x 40	0.010	0.015	381	36.00%	RFILS-1/1.5/2-OS-S-40SS	S1-1-44J-316L	RFILS-1/1.5/2-OS-D-40SS	S2-1 1/2-44J-316L
50 x 50	0.009	0.011	280	30.30%	RFILS-1/1.5/2-OS-S-50SS	S1-1-44N-316L	RFILS-1/1.5/2-OS-D-50SS	S2-1 1/2-44N-316L
60 x 60	0.008	0.009	234	30.50%	RFILS-1/1.5/2-OS-S-60SS	S1-1-44F-316L	RFILS-1/1.5/2-OS-D-60SS	S2-1 1/2-44F-316L
80 x 80	0.006	0.007	178	31.40%	RFILS-1/1.5/2-OS-S-80SS	S1-1-44L-316L	RFILS-1/1.5/2-OS-D-80SS	S2-1 1/2-44L-316L
100 x 100	0.005	0.006	140	30.30%	RFILS-1/1.5/2-OS-S-100SS	S1-1-44K-316L	RFILS-1/1.5/2-OS-D-100SS	S2-1 1/2-44K-316L
120 x 120	0.004	0.005	117	30.70%	RFILS-1/1.5/2-OS-S-120SS	S1-1-44H-316L	RFILS-1/1.5/2-OS-D-120SS	S2-1 1/2-44H-316L
150 x 150	0.003	0.004	104	37.40%	RFILS-1/1.5/2-OS-S-150SS	S1-1-44M-316L	RFILS-1/1.5/2-OS-D-150SS	S2-1 1/2-44M-316L
200 x 200	0.002	0.003	74	33.60%	RFILS-1/1.5/2-OS-S-200SS	S1-1-44S-316L	RFILS-1/1.5/2-OS-D-200SS	S2-1 1/2-44S-316L

Wire Mesh OverScreens: 2½" and 3" Sanitary TC Gasket Line Sizes

Nominal Dimensions (Single Length): 3-1/2" dia. X 10-7/8" long

Nominal Dimensions (Double Length): 3-1/2" dia. X 30-3/4" long

MATERIAL: 316L SS TOTAL OVERSCREEN SURFACE AREA -					(119.57 SQ. IN.)	(119.57 SQ. IN.)	(338.00 SQ. IN.)	(338.00 SQ. IN.)
MESH	WIRE DIA. (INCHES)	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	OPEN AREA PERCENTAGE	SINGLE LENGTH RUBBER FAB#	COMPARE TO: SINGLE LENGTH ALPHA #	DOUBLE LENGTH RUBBER FAB#	COMPARE TO: DOUBLE LENGTH ALPHA #
10 x 10	0.025	0.075	1905	56.30%	RFILS-2.5/3-OS-S-10SS	N/A	RFILS-2.5/3-OS-D-10SS	N/A
12 x 12	0.023	0.060	1524	51.80%	RFILS-2.5/3-OS-S-12SS	N/A	RFILS-2.5/3-OS-D-12SS	N/A
14 x 14	0.020	0.051	1295	51.00%	RFILS-2.5/3-OS-S-14SS	N/A	RFILS-2.5/3-OS-D-14SS	N/A
16 x 16	0.018	0.045	1130	50.70%	RFILS-2.5/3-OS-S-16SS	S1-2-1/2-44R-316L	RFILS-2.5/3-OS-D-16SS	S2-2-1/2-44R-316L
18 x 18	0.017	0.039	980	48.30%	RFILS-2.5/3-OS-S-18SS	N/A	RFILS-2.5/3-OS-D-18SS	N/A
20 x 20	0.016	0.034	864	46.20%	RFILS-2.5/3-OS-S-20SS	S1-2-1/2-44P-316L	RFILS-2.5/3-OS-D-20SS	S2-2-1/2-44P-316L
24 x 24	0.014	0.028	704	44.20%	RFILS-2.5/3-OS-S-24SS	N/A	RFILS-2.5/3-OS-D-24SS	N/A
30 x 30	0.013	0.020	516	37.10%	RFILS-2.5/3-OS-S-30SS	S1-2-1/2-44T-316L	RFILS-2.5/3-OS-D-30SS	S2-2-1/2-44T-316L
40 x 40	0.010	0.015	381	36.00%	RFILS-2.5/3-OS-S-40SS	S1-2-1/2-44J-316L	RFILS-2.5/3-OS-D-40SS	S2-2-1/2-44J-316L
50 x 50	0.009	0.011	280	30.30%	RFILS-2.5/3-OS-S-50SS	S1-2-1/2-44N-316L	RFILS-2.5/3-OS-D-50SS	S2-2-1/2-44N-316L
60 x 60	0.008	0.009	234	30.50%	RFILS-2.5/3-OS-S-60SS	S1-2-1/2-44F-316L	RFILS-2.5/3-OS-D-60SS	S2-2-1/2-44F-316L
80 x 80	0.006	0.007	178	31.40%	RFILS-2.5/3-OS-S-80SS	S1-2-1/2-44L-316L	RFILS-2.5/3-OS-D-80SS	S2-2-1/2-44L-316L
100 x 100	0.005	0.006	140	30.30%	RFILS-2.5/3-OS-S-100SS	S1-2-1/2-44K-316L	RFILS-2.5/3-OS-D-100SS	S2-2-1/2-44K-316L
120 x 120	0.004	0.005	117	30.70%	RFILS-2.5/3-OS-S-120SS	S1-2-1/2-44H-316L	RFILS-2.5/3-OS-D-120SS	S2-2-1/2-44H-316L
150 x 150	0.003	0.004	104	37.40%	RFILS-2.5/3-OS-S-150SS	S1-2-1/2-44M-316L	RFILS-2.5/3-OS-D-150SS	S2-2-1/2-44M-316L
200 x 200	0.002	0.003	74	33.60%	RFILS-2.5/3-OS-S-200SS	S1-2-1/2-44S-316L	RFILS-2.5/3-OS-D-200SS	S2-2-1/2-44S-316L

Need Help? Additional information is available at www.rubberfab.com.

For specific or technical information, contact Rubber Fab at 973-579-2959, or sales@rubberfab.com.

Hygienic (HYG) Wire Mesh OverScreens: 1", 1½" and 2" Sanitary TC Gasket Line Sizes

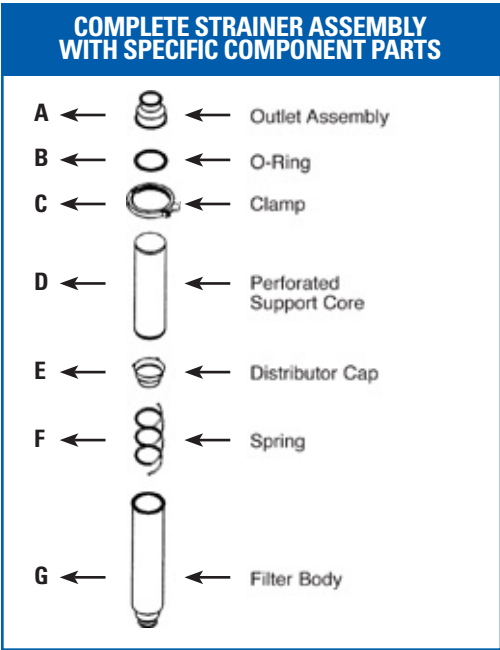
Nominal Dimensions (Single Length): 3" dia. X 10-7/8" long Nominal Dimensions (Double Length): 3" dia. X 30-3/4" long

MATERIAL: 316L SS		TOTAL OVERSCREEN SURFACE AREA -								102.49 SQ. IN.		289.81 SQ. IN.	
STANDARD MESH	WIRE DIA. (INCHES)	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	OPEN AREA PERCENTAGE	HYG PRODUCT	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	MATERIAL THICKNESS	OPEN AREA PERCENTAGE	SINGLE LENGTH RUBBER FAB#		DOUBLE LENGTH RUBBER FAB#	
12 x 12	0.023	0.060	1524	51.80%	HYG-12	0.060	1499	0.020	52.00%	RFILS-1/1.5/2-OSHYG-S-12SS		RFILS-1/1.5/2-OSHYG-D-12SS	
14 x 14	0.020	0.051	1295	51.00%	HYG-14	0.518	1316	0.020	50.00%	RFILS-1/1.5/2-OSHYG-S-14SS		RFILS-1/1.5/2-OSHYG-D-14SS	
16 x 16	0.018	0.045	1130	50.70%	HYG-16	0.045	1148	0.024	48.00%	RFILS-1/1.5/2-OSHYG-S-16SS		RFILS-1/1.5/2-OSHYG-D-16SS	
18 x 18	0.017	0.039	980	48.30%	HYG-18	0.039	998	0.016	46.00%	RFILS-1/1.5/2-OSHYG-S-18SS		RFILS-1/1.5/2-OSHYG-D-18SS	
20 x 20	0.016	0.034	864	46.20%	HYG-20	0.033	848	0.016	47.00%	RFILS-1/1.5/2-OSHYG-S-20SS		RFILS-1/1.5/2-OSHYG-D-20SS	
24 x 24	0.014	0.028	704	44.20%	HYG-24	0.030	749	0.016	45.00%	RFILS-1/1.5/2-OSHYG-S-24SS		RFILS-1/1.5/2-OSHYG-D-24SS	
30 x 30	0.013	0.020	516	37.10%	HYG-30	0.022	549	0.012	40.00%	RFILS-1/1.5/2-OSHYG-S-30SS		RFILS-1/1.5/2-OSHYG-D-30SS	
40 x 40	0.010	0.015	381	36.00%	HYG-40	0.016	399	0.012	38.00%	RFILS-1/1.5/2-OSHYG-S-40SS		RFILS-1/1.5/2-OSHYG-D-40SS	
70 X 70	0.007	0.008	198	29.80%	HYG-70	0.008	198	0.005	28.00%	RFILS-1/1.5/2-OSHYG-S-70SS		RFILS-1/1.5/2-OSHYG-D-70SS	
80 x 80	0.006	0.007	178	31.40%	HYG-80	0.007	178	0.005	26.00%	RFILS-1/1.5/2-OSHYG-S-80SS		RFILS-1/1.5/2-OSHYG-D-80SS	
100 x 100	0.005	0.006	140	30.30%	HYG-100	0.005	132	0.004	24.00%	RFILS-1/1.5/2-OSHYG-S-100SS		RFILS-1/1.5/2-OSHYG-D-100SS	

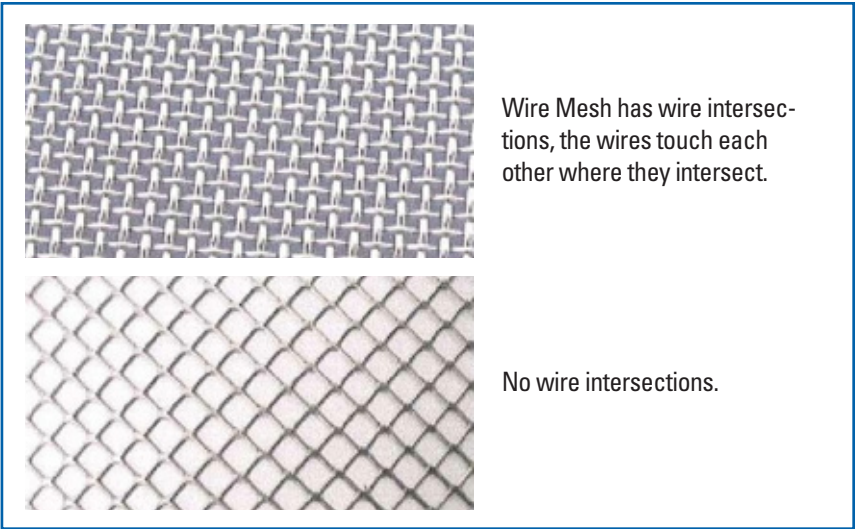
Hygienic (HYG) Wire Mesh OverScreens: 2½" and 3" Sanitary TC Gasket Line Sizes

Nominal Dimensions (Single Length): 3-1/2" dia. X 10-7/8" long Nominal Dimensions (Double Length): 3-1/2" dia. X 30-3/4" long

MATERIAL: 316L SS		TOTAL OVERSCREEN SURFACE AREA -								119.57 SQ. IN.		338.00 SQ. IN.	
STANDARD MESH	WIRE DIA. (INCHES)	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	OPEN AREA PERCENTAGE	HYG PRODUCT	OPENING SIZE (INCHES)	OPENING SIZE (MICRONS)	MATERIAL THICKNESS	OPEN AREA PERCENTAGE	SINGLE LENGTH RUBBER FAB#		DOUBLE LENGTH RUBBER FAB#	
12 x 12	0.023	0.060	1524	51.80%	HYG-12	0.059	1499	0.020	52.00%	RFILS-2.5/3-OSHYG-S-12SS		RFILS-2.5/3-OSHYG-D-12SS	
14 x 14	0.020	0.051	1295	51.00%	HYG-14	0.052	1316	0.020	50.00%	RFILS-2.5/3-OSHYG-S-14SS		RFILS-2.5/3-OSHYG-D-14SS	
16 x 16	0.018	0.045	1130	50.70%	HYG-16	0.045	1148	0.024	48.00%	RFILS-2.5/3-OSHYG-S-16SS		RFILS-2.5/3-OSHYG-D-16SS	
18 x 18	0.017	0.039	980	48.30%	HYG-18	0.039	998	0.016	46.00%	RFILS-2.5/3-OSHYG-S-18SS		RFILS-2.5/3-OSHYG-D-18SS	
20 x 20	0.016	0.034	864	46.20%	HYG-20	0.033	848	0.016	47.00%	RFILS-2.5/3-OSHYG-S-20SS		RFILS-2.5/3-OSHYG-D-20SS	
24 x 24	0.014	0.028	704	44.20%	HYG-24	0.030	749	0.016	45.00%	RFILS-2.5/3-OSHYG-S-24SS		RFILS-2.5/3-OSHYG-D-24SS	
30 x 30	0.013	0.020	516	37.10%	HYG-30	0.022	549	0.012	40.00%	RFILS-2.5/3-OSHYG-S-30SS		RFILS-2.5/3-OSHYG-D-30SS	
40 x 40	0.010	0.015	381	36.00%	HYG-40	0.016	399	0.012	38.00%	RFILS-2.5/3-OSHYG-S-40SS		RFILS-2.5/3-OSHYG-D-40SS	
70 x 70	0.007	0.008	198	29.80%	HYG-70	0.008	198	0.005	28.00%	RFILS-2.5/3-OSHYG-S-70SS		RFILS-2.5/3-OSHYG-D-70SS	
80 x 80	0.006	0.007	178	31.40%	HYG-80	0.007	178	0.005	26.00%	RFILS-2.5/3-OSHYG-S-80SS		RFILS-2.5/3-OSHYG-D-80SS	
100 x 100	0.005	0.006	140	30.30%	HYG-100	0.005	132	0.004	24.00%	RFILS-2.5/3-OSHYG-S-100SS		RFILS-2.5/3-OSHYG-D-100SS	



Rubber Fab Hygienic (HYG) OverScreens are comparable to traditioanl Wire Mesh Screens
Rubber Fab Hygienic (HYG) OverScreens have similar opening sizes and open area percentages as wire mesh
Hygienic OverScreens are punched from stainless steel sheeting instead of stainless steel woven wire



Fluid Conditioning Applications

- Prefiltration for critical membrane filters
- Coalescence of water vapor from process lines
- Liquid gassing or degassing
- Large particulate removal before fill and finish
- Turbulence generation for enhanced mass or heat transfer
- Protection for pump, check valves, and components
- Particulate removal in sterile filling operations
- Sparging
- Chromatography purification
- Metal Detectable Elastomers available

Meets High Pharmaceutical Standards

- U.S. Pharmacopeia Class VI Certification
- Cytotoxicity Criteria
- Title 21 CFR 177.2600
- Title 21 CFR 177.1550
- USDA Sanitary Standards
- Current Good Manufacturing Practices (CGMP)
- ASME-BPE Standards
- Animal Derived Ingredient Free*

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Metal Detectable products US patent #7,390,580.

* Buna in not an ADI Free elastomer.

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