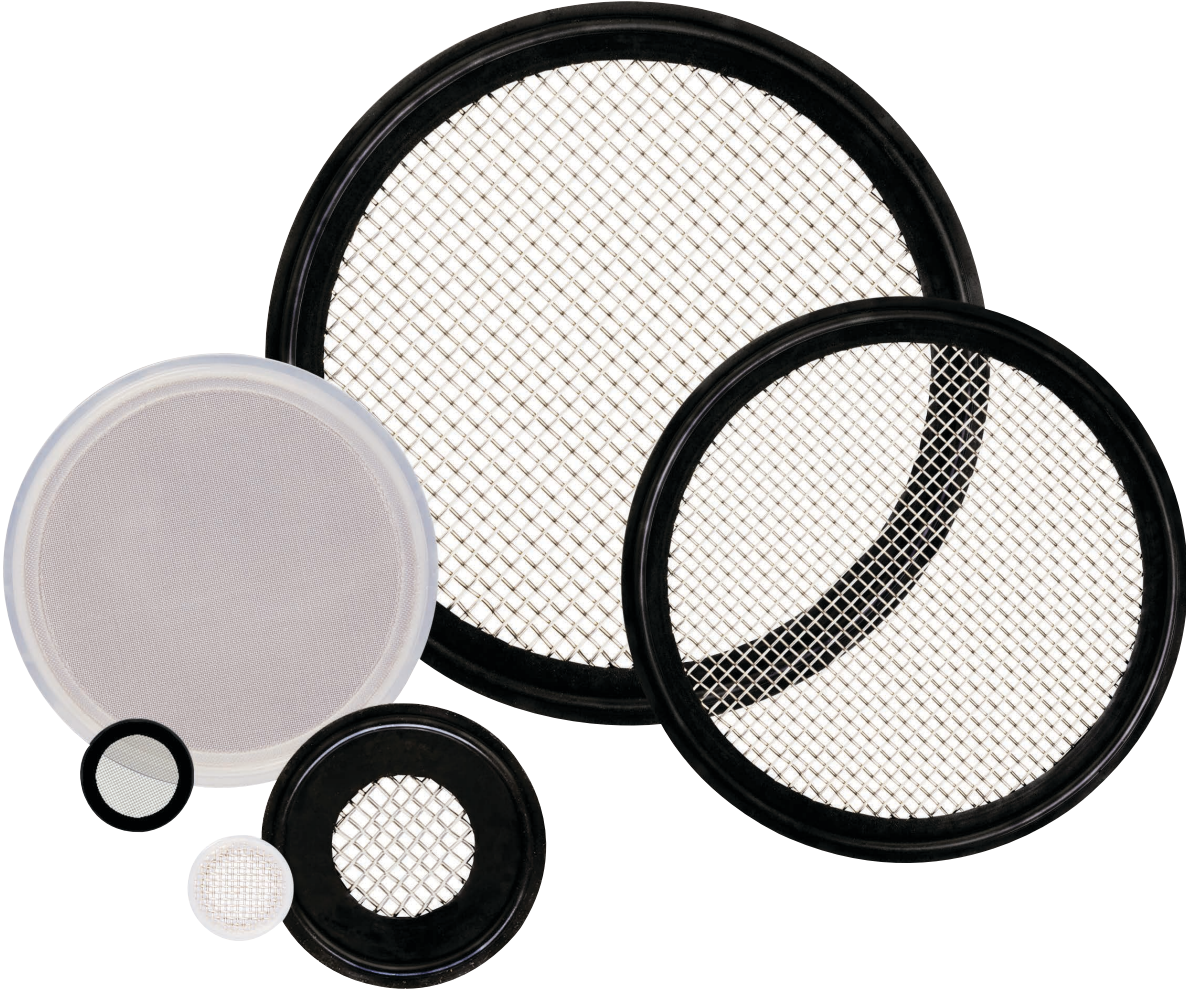


SCREENS



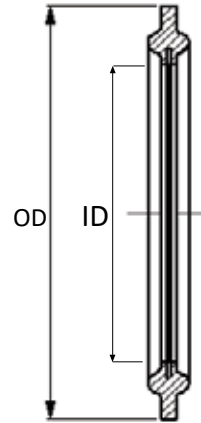
SCREENS

Tri-Clamp Type TCS

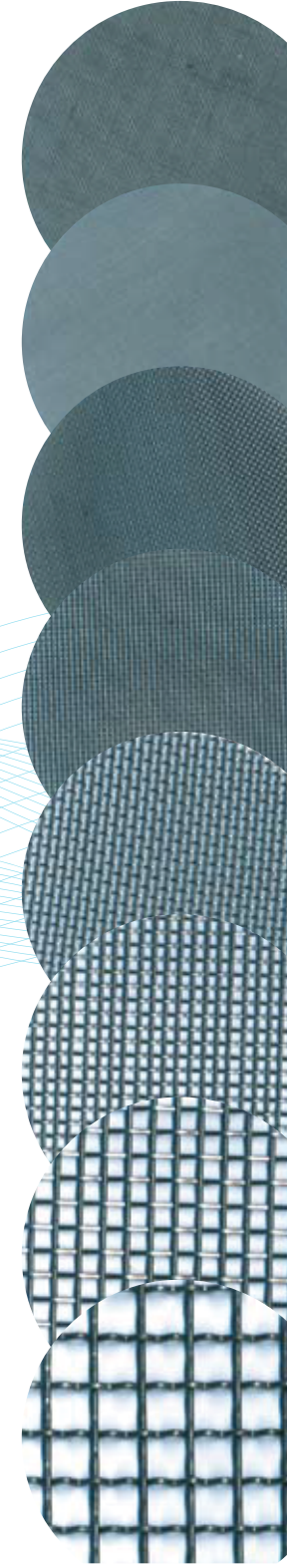
Nominal Size In.	I(D)		D(OD)		Ordering Code
	in.	mm	in.	mm	
1/2"	0.38"	9.60	0.86"	21.80	15-TCS/*M.**
3/4"	0.63"	16.00	0.86"	21.80	20-TCS/*M.**
1.0" A	0.90"	22.90	1.34"	34.00	25-TCS/*M.**
1.0"	0.88"	22.30	2.00"	50.50	25-TCS/*M.**
1½"	1.38"	35.30	2.00"	50.50	38-TCS/*M.**
2.0"	1.88"	47.70	2.52"	64.00	51-TCS/*M.**
2½"	2.38"	60.40	3.05"	77.50	63-TCS/*M.**
3.0"	2.88"	73.10	3.58"	91.00	76-TCS/*M.**
4.0"	3.84"	97.60	4.67"	119.00	100-TCS/*M.**
6.0"	5.79"	123.50	6.10"	167.00	150-TCS/*M.**

* For choosing mesh size

** For choosing material



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Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500
60	226	0.0075	0.0090	30.5	3600
80	176	0.0055	0.0070	31.4	6400
****100	151	0.0045	0.0060	30.3	10,000
****120	120	0.0035	0.0048	33.2	14,400
****150	103	0.0026	0.0041	37.4	22,500
****200	73	0.0021	0.0029	33.6	40,000

* Standard size for clamp style
 ** Standard size for bevel seat style
 *** Standard size for Sock screen style
 **** Available only in 1.0", 1½ and 2"
 ***** Custom Screen

Ordering Example

Description	Nominal Size In.	Ordering Code
Type TCS	1.0"	15-TCS/V/60M

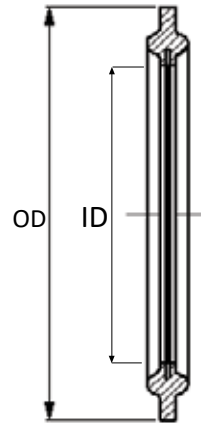
SCREENS

Tri-Clamp Removable Screen Gaskets

Nominal Size In.	I(D)		D(OD)		Ordering Code
	in.	mm	in.	mm	
1/2"	0.38"	9.60	0.86"	21.80	15-TCS/R*M.**
3/4"	0.63"	16.00	0.86"	21.80	20-TCS/R*M.**
1.0" A	0.90"	22.90	1.34"	34.00	25-TCS/R*M.**
1.0"	0.88"	22.30	2.00"	50.50	25-TCS/R*M.**
1½"	1.38"	35.30	2.00"	50.50	38-TCS/R*M.**
2.0"	1.88"	47.70	2.52"	64.00	51-TCS/R*M.**
2½"	2.38"	60.40	3.05"	77.50	63-TCS/R*M.**
3.0"	2.88"	73.10	3.58"	91.00	76-TCS/R*M.**
4.0"	3.84"	97.60	4.67"	119.00	100-TCS/R*M.**
6.0"	5.79"	123.50	6.10"	167.00	150-TCS/R*M.**

* For choosing mesh size

** For choosing material



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Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500
60	226	0.0075	0.0090	30.5	3600
80	176	0.0055	0.0070	31.4	6400
****100	151	0.0045	0.0060	30.3	10,000
****120	120	0.0035	0.0048	33.2	14,400
****150	103	0.0026	0.0041	37.4	22,500
****200	73	0.0021	0.0029	33.6	40,000

* Standard size for clamp style

** Standard size for bevel seat style

*** Standard size for Sock screen style

**** Available only in 1.0", 1½ and 2"

***** Custom Screen

Ordering Example

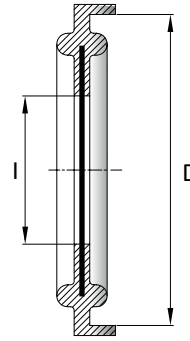
Description	Nominal Size In.	Ordering Code
Type TCSR	1.0"	15-TCSR/V/60M

SCREENS

**Tri-Clamp Flanged
Screen Gaskets**

Nominal Size In.	I(D)		D(OD)		Ordering Code
	in.	mm	in.	mm	
1/2"	0.38"	9.60	0.86"	21.80	15-TCS/*M.L.**
3/4"	0.63"	16.00	0.86"	21.80	20-TCS/*M. L.**
1.0" A	0.90"	22.90	1.34"	34.00	25-TCS/*M. L.**
1.0"	0.88"	22.30	2.00"	50.50	25-TCS/*M. L.**
1½"	1.38"	35.30	2.00"	50.50	38-TCS/*M. L.**
2.0"	1.88"	47.70	2.52"	64.00	51-TCS/*M. L.**
2½"	2.38"	60.40	3.05"	77.50	63-TCS/*M. L.**
3.0"	2.88"	73.10	3.58"	91.00	76-TCS/*M. L.**
4.0"	3.84"	97.60	4.67"	119.00	100-TCS/*M. L.**
6.0"	5.79"	123.50	6.10"	167.00	150-TCS/*M. L.**

* For choosing mesh size
** For choosing material



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Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500
60	226	0.0075	0.0090	30.5	3600
80	176	0.0055	0.0070	31.4	6400
****100	151	0.0045	0.0060	30.3	10,000
****120	120	0.0035	0.0048	33.2	14,400
****150	103	0.0026	0.0041	37.4	22,500
****200	73	0.0021	0.0029	33.6	40,000

* Standard size for clamp style
** Standard size for bevel seat style
*** Standard size for Sock screen style
**** Available only in 1.0", 1½ and 2"
***** Custom Screen

Ordering Example

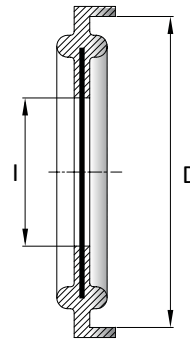
Description	Nominal Size In.	Ordering Code
Type TCSL	1.0"	15-TCSL/V/60M

SCREENS

Tri-Clamp Removable Flanged Screen Gaskets

Nominal Size In.	I(D)		D(OD)		Ordering Code
	in.	mm	in.	mm	
1/2"	0.38"	9.60	0.86"	21.80	15-TCS/R*M.L.**
3/4"	0.63"	16.00	0.86"	21.80	20-TCS/R*M.L.**
1.0" A	0.90"	22.90	1.34"	34.00	25-TCS/R*M.L.**
1.0"	0.88"	22.30	2.00"	50.50	25-TCS/R*M.L.**
1½"	1.38"	35.30	2.00"	50.50	38-TCS/R*M.L.**
2.0"	1.88"	47.70	2.52"	64.00	51-TCS/R*M.L.**
2½"	2.38"	60.40	3.05"	77.50	63-TCS/R*M.L.**
3.0"	2.88"	73.10	3.58"	91.00	76-TCS/R*M.L.**
4.0"	3.84"	97.60	4.67"	119.00	100-TCS/R*M.L.**
6.0"	5.79"	123.50	6.10"	167.00	150-TCS/R*M.L.**

* For choosing mesh size
 ** For choosing material



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Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500
60	226	0.0075	0.0090	30.5	3600
80	176	0.0055	0.0070	31.4	6400
****100	151	0.0045	0.0060	30.3	10,000
****120	120	0.0035	0.0048	33.2	14,400
****150	103	0.0026	0.0041	37.4	22,500
****200	73	0.0021	0.0029	33.6	40,000

* Standard size for clamp style
 ** Standard size for bevel seat style
 *** Standard size for Sock screen style
 **** Available only in 1.0", 1½ and 2"
 ***** Custom Screen

Ordering Example

Description	Nominal Size In.	Ordering Code
Type TCSRL	1.0"	15-TCS/V/60M

SCREENS

Sock Screen Gasket (Short)

Nominal Size In.	Ordering Code
1½"	38-TCSS/*/**M/S
2.0"	51-TCSS/*/**M/S
2½"	63-TCSS/*/**M/S
3.0"	76-TCSS/*/**M/S
4.0"	100-TCSS/*/**M/S
6.0"	150-TCSS/*/**M/S



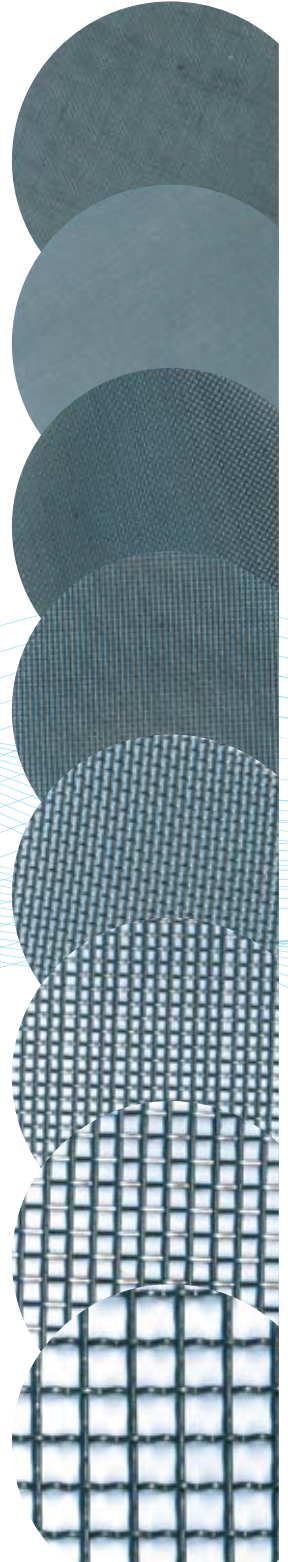
* For choosing mesh size
 ** For choosing material

Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500

D(OD)	FDA Certified	FDA CLASS VI Certified
Buna-N	BW	
EPDM Black	EP	EP.RX
EPDM White	EPW	EPW.RX
Silicone Platinum		SX.RX
Silicone Peroxide	SP	SP.RX
Viton Black	V	V.RX
Viton White	VW	VW.RX

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Ordering Example

Description	Nominal Size In.	Ordering Code
Type TCSS	1.0"	25-TCSS/V/60M

SCREENS

Sock Screen Gasket (Long)

Nominal Size In.	Ordering Code
1½"	38-TCSL/*M.**
2.0"	51-TCSL/*M.**
2½"	63-TCSL/*M.**
3.0"	76-TCSL/*M.**
4.0"	100-TCSL/*M.**
6.0"	150-TCSL/*M.**

* For choosing mesh size
 ** For choosing material

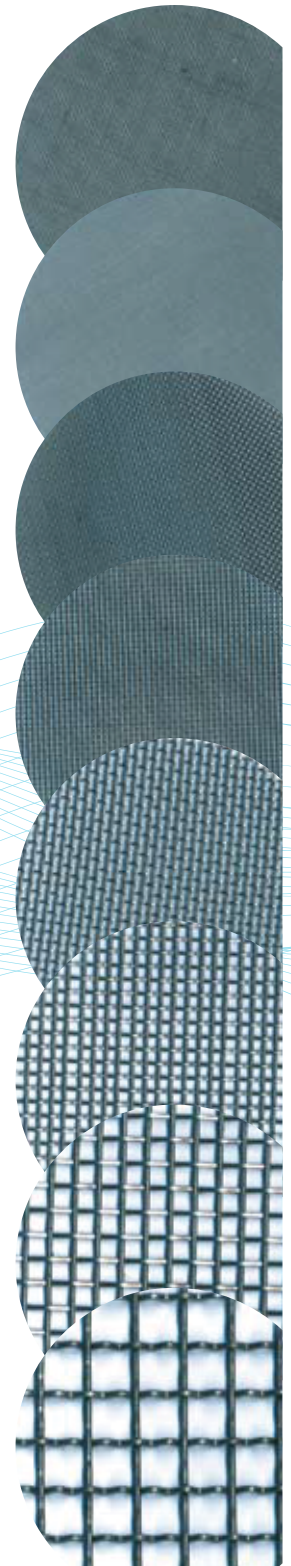
Square mesh wire cloth information

Mesh	Micron Equivalent	Wire Diameter	Opening Width Inches	Percent Open Area	Openings Per Sq. Inch
4	5411	0.0320	0.2180	74.0	16
6	3221	0.0350	0.1310	62.7	36
8	2441	0.0280	0.0970	60.2	64
9	2089	0.0230	0.0880	62.7	81
*10	1887	0.0250	0.0750	56.3	100
12	1510	0.0230	0.0600	51.8	144
**14	1283	0.0200	0.0510	51.0	196
***16	1082	0.0180	0.0455	50.7	256
20	855	0.0160	0.0340	46.2	400
30	427	0.0120	0.0210	40.8	900
40	377	0.0100	0.0150	36.0	1600
50	276	0.0090	0.0110	30.3	2500

D(OD)	FDA Certified	FDA CLASS VI Certified
Buna-N	BW	
EPDM Black	EP	EP.RX
EPDM White	EPW	EPW.RX
Silicone Platinum		SX.RX
Silicone Peroxide	SP	SP.RX
Viton Black	V	V.RX
Viton White	VW	VW.RX



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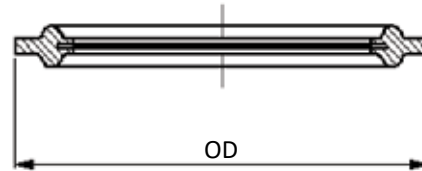


Ordering Example

Description	Nominal Size In.	Ordering Code
Type TCSL	2.0"	51-TCSL/16M.EP

SCREENS Screen-> Perforate

Nominal Size In.	Type	OD		Ordering Code
		in.	mm	
1/2"	A	1.0"	12.70	15-TCS/*P.**
3/4"	A	1.0"	19.05	25-TCS/*P.**
1.0" A	A	1 1/4"	25.00	25-TCS/*P.**
1.0"	B	2.0"	25.00	25-TCS/*P.**
1 1/2"	B	2.0"	50.80	38-TCS/*P.**
2.0"	B	2 1/2"	51.00	51-TCS/*P.**
2 1/2"	B	3.0"	101.60	63-TCS/*P.**
3.0"	B	3 1/2"	76.00	76-TCS/*P.**
4.0"	B	4 1/2"	100.00	100-TCS/*P.**
6.0"	B	6 1/2"	150.00	150-TCS/*P.**

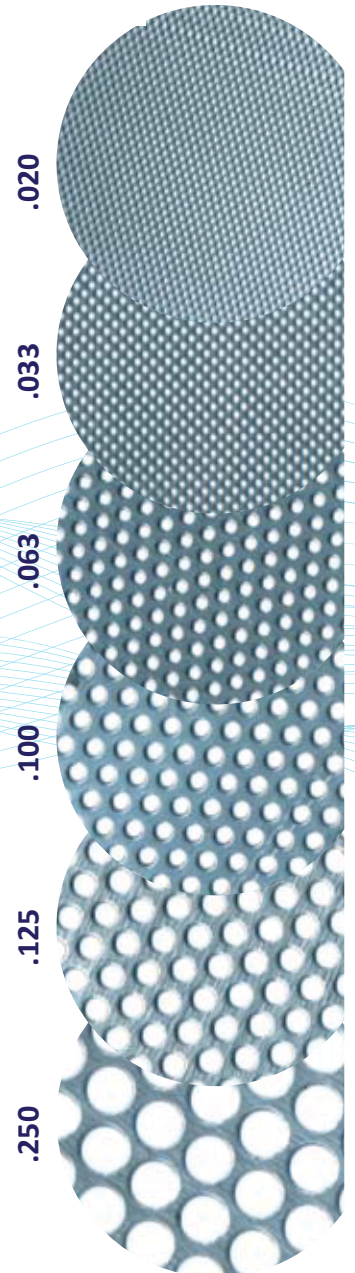


* For choosing material
 ** For choosing hole diameter

Hole Diameter	Open Area	Micron Equivalent
.20"	30%	503
.033"	28%	803
.063"	23%	1573
.100"	33%	2517
.125"	40%	6350
.250"	58%	6350

Material	Standard Code
EPDM Black FDA	EP
Silicone White FDA	Sil/W
Viton Black FDA	FPM

* CLASS VI available on request



Ordering Example

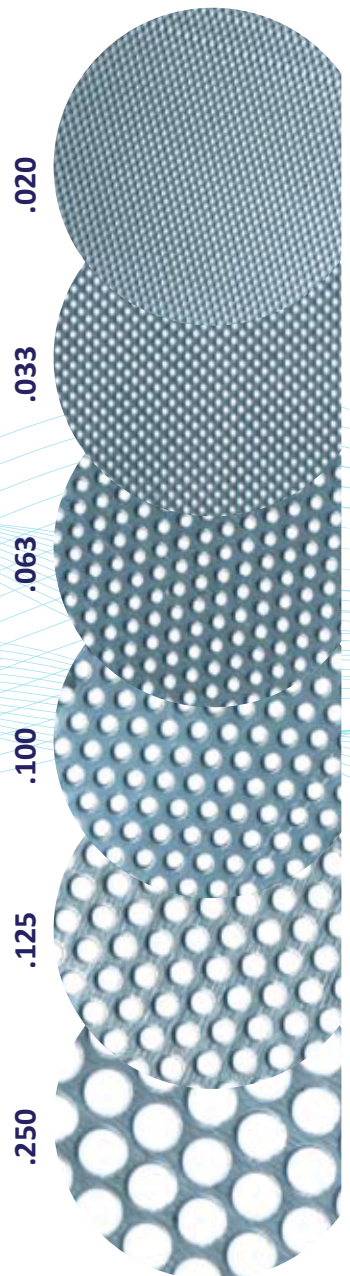
Description	Nominal Size In.	Ordering Code
Type TCS	1.0"	25-TCS/V/020P

*Orifice Type & Material

SCREENS Tri-Clamp Perfore Long

Nominal Size In.	Ordering Code
1½"	38-TCSL/*P
2.0"	51-TCSL/*P
2½"	63-TCSL/*P
3.0"	76-TCSL/*P
4.0"	100-TCSL/*P
6.0"	150-TCSL/*P

* For choosing material
 **For choosing hole diameter



Hole Diameter	Open Area	Micron Equivalent
.20"	30%	503
.033"	28%	803
.063"	23%	1573
.100"	33%	2517
.125"	40%	6350
.250"	58%	6350

Material	Standard Code
EPDM Black FDA	EP
Silicone White FDA	Sil/W
Viton Black FDA	FPM

* CLASS VI available on request

Ordering Example

Description	Nominal Size In.	Ordering Code
Type TCSL	2.0"	51-TCSL/020P



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