

SECURITY SCREEN GASKETS



1" to 4"

Additional Sizes Available

Security Screen Gaskets can provide assurance for particle removal. Screen gaskets are used for filtration and removing small particles. Using screen gaskets, you can achieve the separation of suspended solid matter in many different process applications. **CGS™ Security** screens offer freedom from the danger of contaminants.

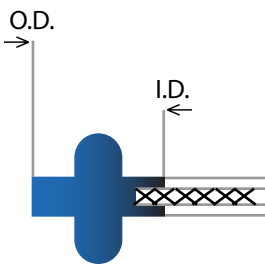
CGS™ Security Screen Gaskets provide a constant removal of particles, contaminants and other unwanted product pollutants. These gaskets are used in the food, beverage, dairy, pharmaceutical and biotech sanitary process industries.

Material - BUNA-N, EPDM, FKM, Flexi-Steel™, Platinum Cured Silicone, PTFE

Screen Materials - 316 Stainless Steel - 316L Stainless Steel - Hastelloy - 304 Stainless Steel

Screen Non Metallics Materials - PTFE - Flexi-Steel™

Sanitary **Security** screen gaskets meet FDA, USP Class VI Criteria, FDA Title 21 CFR 177 .2600, FDA Title 21 CFR 177 .1550, Current Good Manufacturing Practices (CGMP), ASME, Animal Derived Ingredient Free (ADI), FDA Compliant Mold release. BUNA-N is FDA Only.



CROSS SECTION PROFILE - APPROXIMATE DIMENSIONS

	I.D.	O.D.
1"	.870	1.485
1.5"	1.370	1.984
2"	1.840	2.516
2.5"	2.250	3.047
3"	2.750	3.579
4"	3.834	4.682

Features

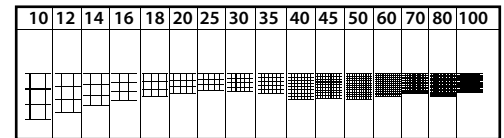
- Sanitary Clamp Gaskets Type I & II Screens
- Security Sock Screens
- Equipment Security Safeguards Screens
- Vacuum Vent Screen Gaskets
- Inline Pipeline strainers.
- Camlock Screens
- Dairy Pipeline Filter Screens.
- MDXD™ Metal Detectable X-Ray Detectable
- FDA & USP Class VI. Compliant Materials
BUNA-N (FDA Compliant Only)

U.S. MESH	INCHES	MICRONS	MILLIMETERS
3	0.2650	6730	6.730
4	0.1870	4760	4.760
5	0.1570	4000	4.000
6	0.1320	3360	3.360
7	0.1110	2830	2.830
8	0.0937	2380	2.380
10	0.0787	2000	2.000
12	0.0661	1680	1.680
14	0.0555	1410	1.410
16	0.0469	1190	1.190
18	0.0394	1000	1.000
20	0.0331	841	0.841
25	0.0280	707	0.707
30	0.0232	595	0.595
35	0.0197	500	0.500
40	0.0165	400	0.400
45	0.0138	354	0.354
50	0.0117	297	0.297
60	0.0098	250	0.250
70	0.0083	210	0.210
80	0.0070	177	0.177
100	0.0059	149	0.149
120	0.0049	125	0.125
140	0.0041	105	0.105
170	0.0035	88	0.088
200	0.0029	74	0.074
230	0.0024	63	0.063
270	0.0021	53	0.053
325	0.0017	44	0.044
400	0.0015	37	0.037
500	0.001	25	0.032

Mesh size measures the number of openings in the mesh that make up one linear inch. The smaller the mesh number, the bigger the particles that can pass through. Mesh number 6 will allow larger Particles to pass through it than a mesh size of number 10.

Microns and mesh size measure the same thing, but differently. Micron measurements tell you the size of the opening in the screen or strainers. This will tell you what size particles it will capture. Mesh size tells you how many openings there are in an inch, which can be calculated to provide you with the same information.

Mesh sizes are not all the same. They can vary depending on the screen construction and the use of different materials. In the case of wire screen not all are exact. The strand sizes can vary in thickness.



EPDM			BUNA-N			Flexi-Steel		
Part Number	Size	Color	Part Number	Size	Color	Part Number	Size	Color
CGS40MPES-100	1.0"	Black	CGS40MPUS-100	1.0"	Black	CGS40MPGFSS-100	1.0"	Gray
CGS40MPES-150	1-1/2"	Black	CGS40MPUS-150	1-1/2"	Black	CGS40MPGFSS-150	1-1/2"	Gray
CGS40MPES-200	2.0"	Black	CGS40MPUS-200	2.0"	Black	CGS40MPGFSS-200	2.0"	Gray
CGS40MPES-250	2-1/2"	Black	CGS40MPUS-250	2-1/2"	Black	CGS40MPGFSS-250	2-1/2"	Gray
CGS40MPES-300	3"	Black	CGS40MPUS-300	3"	Black	CGS40MPGFSS-300	3"	Gray
CGS40MPES-400	4"	Black	CGS40MPUS-400	4"	Black	CGS40MPGFSS-400	4"	Gray

FKM			PTFE			Platinum Cured Silicone		
Part Number	Size	Color	Part Number	Size	Color	Part Number	Size	Color
CGS40MPSFYS-100	1.0"	Black	CGS40MPGS-100	1.0"	White	CGS40RXPX-100	1.0"	Clear/White
CGS40MPSFYS-150	1-1/2"	Black	CGS40MPGS-150	1-1/2"	White	CGS40RXPX-150	1-1/2"	Clear/White
CGS40MPSFYS-200	2.0"	Black	CGS40MPGS-200	2.0"	White	CGS40RXPX-200	2.0"	Clear/White
CGS40MPSFYS-250	2-1/2"	Black	CGS40MPGS-250	2-1/2"	White	CGS40RXPX-250	2-1/2"	Clear/White
CGS40MPSFYS-300	3"	Black	CGS40MPGS-300	3"	White	CGS40RXPX-300	3"	Clear/White
CGS40MPSFYS-400	4"	Black	CGS40MPGS-400	4"	White	CGS40RXPX-400	4"	Clear/White

