

SANITARY FITTING ASSEMBLY

4-8802-7



**Continental Disc[®]
Corporation**

Performance Under Pressure[®]

SANITARY FITTING ASSEMBLY

Secure, Leak Tight Assembly

Continental Disc Sanitary Rupture Disc Assemblies are uniquely designed holders which, when used with the appropriate rupture disc, protect a system from overpressure conditions.

Four standard configurations are offered: FSS Straight Connection holder; FS2 Inlet Reduced Connection holder; FS3 Inlet/Outlet Reduced Connection holder; and SCS CLEAN-SWEEP® holder.

The FSS, FS2 or FS3 assembly consists of a rupture disc, a Sanitary Holder and a Sanitary type quick-release clamp.

The Continental Disc Sanitary Rupture Disc Assembly is specifically suited for a wide range of process applications where product purity and corrosion resistance are required. The Sanitary assembly is used in dairy, pharmaceutical, food processing, canning, cosmetic, chemical and many other industries.

The Sanitary FSS, FS2 and FS3 holders are available in sizes 1" through 10" Standard materials of 316 Stainless Steel and 316L Stainless Steel are stocked. Upon request, these holders are available in other materials such as Monel^{®1}, Inconel^{®1} and Hastelloy^{®2}. Standard clamps are 304 Stainless Steel.

The SCS Sanitary Assembly consists of a rupture disc, a CLEAN-SWEEP body with Sanitary ferrule end connections, a holder outlet and four studs. The Sanitary SCS holder is available in 1" through 4" sizes and standard material of 316 Stainless Steel.

Continental's new multiple bolt sanitary closure, for high pressure applications, is also available for use with the SCS Sanitary assembly. Refer to page 4 for details.

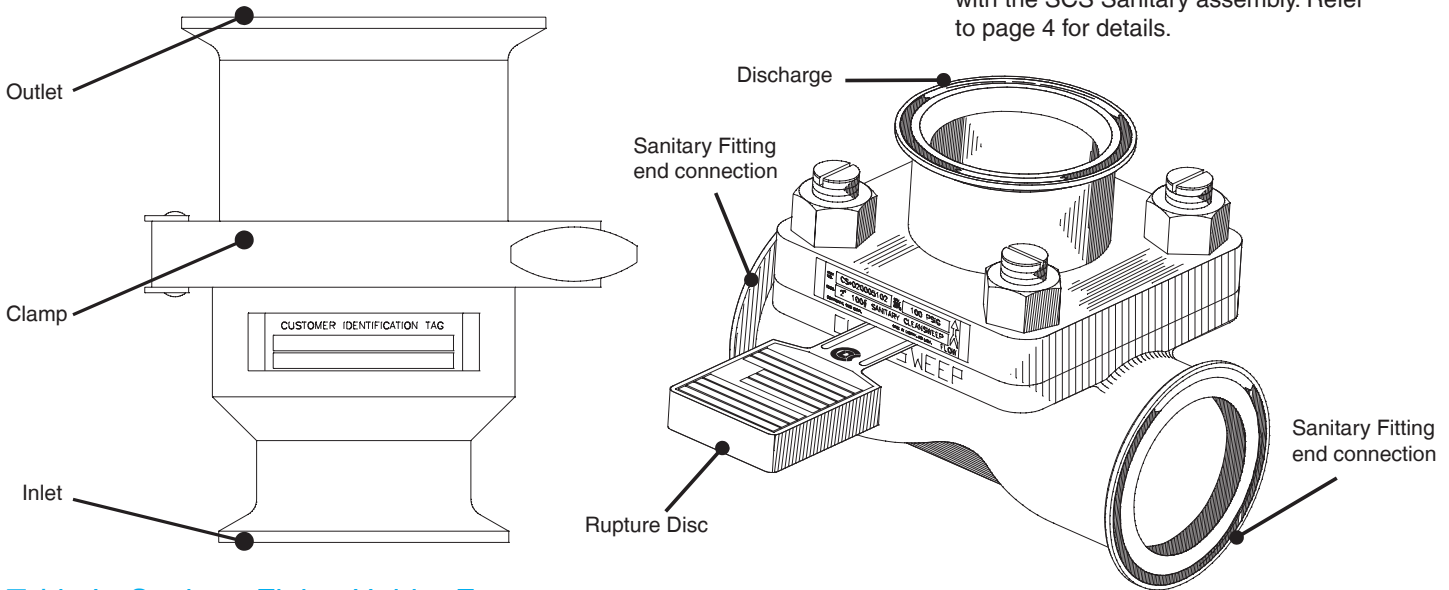


Table I - Sanitary Fitting Holder Features

Features	Sanitary Fitting Holder Configurations			
	FSS	FS2	FS3	SCS
Seat Code	SF	SF	SF	CS
Seat Design	Flat Seat	Flat Seat	Flat Seat	Flat Seat
Rupture Disc Sizes	1"-10"	1"-10"	1"-10"	1"-4"
Sanitary Inlet and Outlet Connection Sizes*	1"-12"	1"-12"	1"-12"	1"-4"
Rupture Disc Types	CDC, CDCV, PL, PLV	CDC, CDCV, PL, PLV	CDC, CDCV, PL, PLV	CDC, CDCV, PL, PLV, MicroX
Standard Body Material*	316 or 316L Stainless Steel	316 or 316L Stainless Steel	316 or 316L Stainless Steel	316 Stainless Steel
Sanitary Connection Design Types (inlet and outlet)*	Tube O.D.	Tube O.D.	Tube O.D.	Tube O.D.
Disc Alignment Method**	Alignment Pins	Alignment Pins	Alignment Pins	Alignment Pins
B.D.I. Alarm Compatibility	Yes	Yes	Yes	Yes
Application Fluid State	Gas/ Liquid	Gas / Liquid	Gas / Liquid	Gas / Viscous Media
No. 4 Finish or Electro Polish	Standard	Standard	Standard	Standard

*Contact the factory for information on other designs and available materials.

**No alignment pins on 1", 1-1/2", or 2" FSS, FS2 and FS3 designs.

¹ Inconel and Monel are registered trademarks of the Inco family of companies.

² Hastelloy is a registered trademark of Haynes International.

Model FSS

STRAIGHT THROUGH CONFIGURATION



The sanitary fitting straight connection holder FSS uses a rupture disc that matches the requirements of a corresponding tube size and provides the same size ferrule connection at the inlet, outlet and rupture disc seat connections. The clamp size used at the inlet, outlet and rupture disc seat connections is one size larger than the rupture disc nominal size. See Table II for holder dimensions.

For example: A 2" FSS Sanitary Fitting Holder mates with a 2" rupture disc. A 3" clamp is used at the inlet, outlet and rupture disc seat connections.

Table II - Sanitary FSS Dimensions and Weights

Nominal Size		Connection Size (inches)			Maximum O.D.		Height		Weight	
inch	mm	At Disc	Inlet	Outlet	inch	mm	inch	mm	lbs	kg
1	25	1-1/2	1-1/2	1-1/2	1.98	50,3	3.0	76,2	0.82	0,37
1-1/2	40	2	2	2	2.52	64,0	3.0	76,2	1.1	0,5
2	50	3	3	3	3.58	90,9	3.0	76,2	2.5	1,1
3	80	4	4	4	4.68	118,9	3.0	76,2	3.7	1,7
4	100	6	6	6	6.57	166,9	4.0	101,6	14.0	5,4
6	150	8	8	8	8.57	217,7	4.0	101,6	17.0	7,7
8	200	10	10	10	10.57	268,5	4.5	114,3	24.0	11,0
10	250	12	12	12	12.57	319,3	4.5	114,3	29.0	13,0

Model FS2

INLET REDUCING CONFIGURATION



Where the rupture disc size must be increased in order to meet customer burst pressure requirements, a sanitary fitting inlet reducing holder FS2 is available. The assembly provides the use of a rupture disc suited for the application with an opening area equal to or greater than the requirements of a corresponding inlet tube size and provides an inlet connection reduced one size. See Table III for holder dimensions.

For example: A 4" FS2 Sanitary Fitting Holder mates with a 4" rupture disc. A 4" clamp is used at the inlet and a 6" clamp is used at the outlet and rupture disc seat connections.

Table III - Sanitary FS2 Dimensions and Weights

Nominal Size		Connection Size (inches)			Maximum O.D.		Height		Weight	
inch	mm	At Disc	Inlet	Outlet	inch	mm	inch	mm	lbs	kg
1	25	1-1/2	1	1-1/2	1.98	50,3	3.04	77,2	1.0	0,45
1-1/2	40	2	1-1/2	2	2.52	64,0	3.46	87,9	1.2	0,54
2	50	3	2	3	3.58	90,9	3.73	94,7	2.9	1,3
3	80	4	3	4	4.68	118,9	3.76	95,5	4.2	1,9
4	100	6	4	6	6.57	166,9	4.87	123,7	15.0	6,8
6	150	8	6	8	8.57	217,7	4.96	126,0	20.0	9,1
8	200	10	8	10	10.57	268,5	5.21	132,3	27.0	12,0
10	250	12	10	12	12.57	319,3	5.21	132,3	33.0	15,0

Model FS3

INLET AND OUTLET REDUCING CONFIGURATION



The FS3 model uses a rupture disc suitable to accommodate the required rupture disc size for the application. In addition, this model provides an inlet and outlet connection reduced one size. See Table IV for holder dimensions.

For example: A 3" FS3 Sanitary Fitting Holder mates with a 3" rupture disc. A 3" clamp is used at the inlet and outlet connections, and a 4" clamp is used at the rupture disc seat connection.

Table IV - Sanitary FS3 Dimensions and Weights

Nominal Size		Connection Size (inches)			Maximum O.D.		Height		Weight	
inch	mm	At Disc	Inlet	Outlet	inch	mm	inch	mm	lbs	kg
1	25	1-1/2	1	1	1.98	50,3	3.06	77,7	1.3	0,59
1-1/2	40	2	1-1/2	1-1/2	2.52	64,0	3.88	98,6	1.2	0,54
2	50	3	2	2	3.58	90,9	4.42	112,3	3.3	1,5
3	80	4	3	3	4.68	118,9	4.48	113,8	4.6	2,1
4	100	6	4	4	6.57	166,9	5.69	144,5	17.0	7,7
6	150	8	6	6	8.57	217,7	5.88	149,4	24.0	11,0
8	200	10	8	8	10.57	268,5	5.88	149,4	30.0	14,0
10	250	12	10	10	12.57	319,3	5.88	149,4	37.0	17,0

Note: All models are supplied with one clamp for the rupture disc seat connection. Additional clamps are optional accessories.

SANITARY FITTING ASSEMBLY

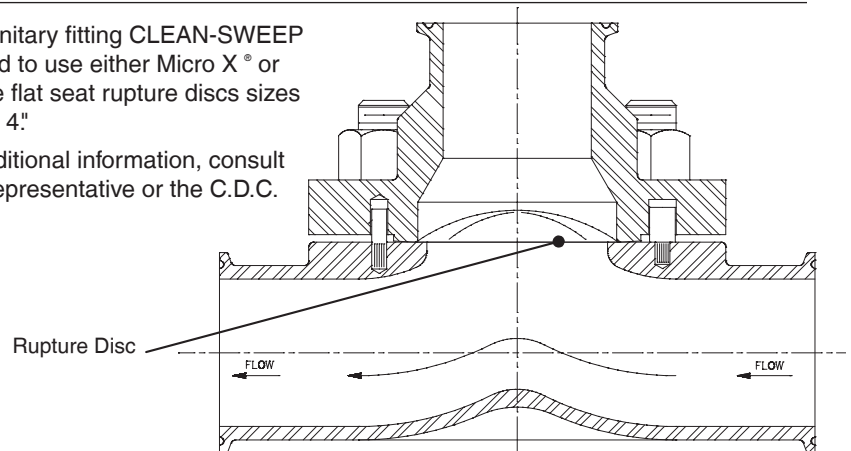
Model SCS

CLEAN-SWEEP HOLDER CONFIGURATION

The sanitary fitting CLEAN-SWEEP is designed to handle viscous type media with physical properties that may cause product to collect or build up under the rupture disc during normal operation. The CLEAN-SWEEP assembly may also be used to help keep product media in suspension. With the rupture disc located adjacent to the process flow line, product sweeps across the concave surface of the rupture disc, minimizing process media build up or helping to maintain particle suspension.

The sanitary fitting CLEAN-SWEEP is designed to use either Micro X[®] or Composite flat seat rupture discs sizes 1" through 4".

For additional information, consult a C.D.C. representative or the C.D.C. factory.



Tagging

All Sanitary Fitting holders are supplied with a permanently attached name plate with flow direction indication. Whenever customer identification tagging is required, a Stainless Steel Customer Identification tag is permanently attached at no extra charge.

For a special application that cannot be satisfied with one of our standard Sanitary Fitting assemblies, a customized design or configuration is recommended. C.D.C.'s innovative Sales / Engineering staff will evaluate your application and determine the best solution. Consult the factory for further details.



PIPING OR SANITARY FITTING OPTION

Continental's new MBC Multiple Bolt Sanitary Closure is a high pressure clamping device specially designed to meet ASME code design criteria for redundant bolted closures. MBC Multiple Bolt Sanitary Closures are available in 1" through 4" size. Consult the factory for details.



Sanitary Fitting Holders FSS, FS2 and FS3 are designed to use Continental's Composite (SF) rupture disc, which is a flat seat configuration.

The SCS holder is designed to use either a Composite (CS) or Micro X (CS) rupture disc, both of which are a flat seat configuration.

Besides a full, instantaneous opening, the Composite and Micro X rupture discs provide many outstanding features:

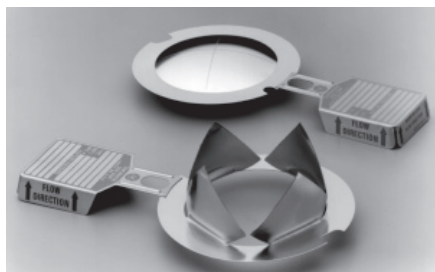
- Excellent corrosion resistance
- Wide range of burst ratings
- Smooth surface against the process media
- Excellent for use in gaseous or liquid service
- 80 percent operating-to-burst-pressure ratio
- Non-fragmenting design

The non-fragmenting design applies to all Micro X rupture discs, and to Composite rupture discs supplied with a non-metallic seal.

What is a Micro X (CS) Rupture Disc?

The Micro X (CS) rupture disc is a flat seat cross-scored, tension-type rupture disc. It is designed to provide a full, non-fragmenting, four petal opening pattern. The Micro X rupture disc is scored on the outlet (vent) side so a smooth surface is provided on the inlet (process) side of the rupture disc. The result is an undisturbed inlet surface resistant to corrosion and the accumulation of process media.

The Micro X rupture disc is available in standard materials of 316 Stainless Steel, Monel, Nickel and Inconel. Refer to Table VI for minimum burst ratings and Table VII for maximum burst ratings of the Micro X rupture disc.



What is a Composite (SF) and (CS) Rupture Disc?

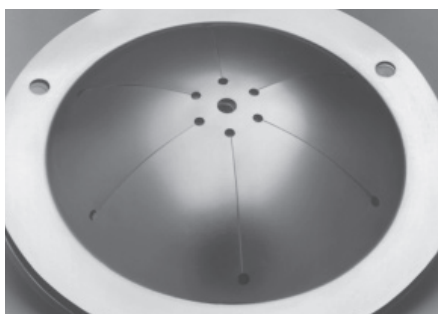
The Composite (SF) or (CS) rupture disc is a prebulged flat seat rupture disc consisting of two or more components of metallic or non-metallic materials.

When installed in the Sanitary Fitting FSS, FS2 or FS3 holders, the components typically consist of a metallic top section, metallic or non-metallic seal member, a process side Teflon® gasket and an optional vacuum support.

When installed in the SCS Sanitary Fitting holder, the rupture disc is usually made up of a metallic top section and metallic or non-metallic seal. The vacuum support and Teflon gasket are optional.

Patented Seven-Hole** Design

Continental Disc Corporation's Composite rupture disc top section is manufactured with a patented seven-hole pattern at the apex of the rupture disc dome. This seven-hole pattern, along with the six pre-cut sections, provides a non-fragmenting design when used with a non-metallic or Teflon seal. The seven-hole pattern enables us to use heavier materials of construction, resulting in a rupture disc which can withstand operating pressures up to 80 percent of the rupture disc's burst rating.

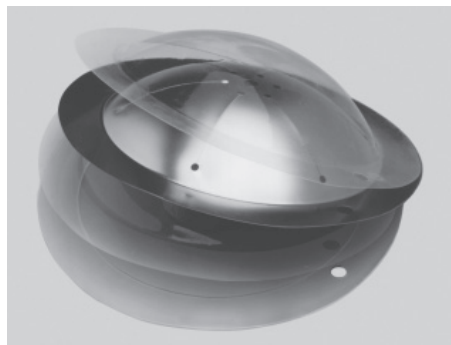


Because the burst rating of the Composite rupture disc is determined by the slotted metal top section, the seal or liner can be supplied of Teflon, Silver, Nickel or Monel and still provide a wide range of burst pressures...economically. Refer to Table V for minimum burst ratings and Table VII for maximum burst ratings of the Composite rupture disc.

Having the option of various seal materials, such as Teflon or exotic metallic materials, also provides the user a rupture disc with excellent corrosion resistance. However, a non-metallic seal is essential to minimizing fragmentation.

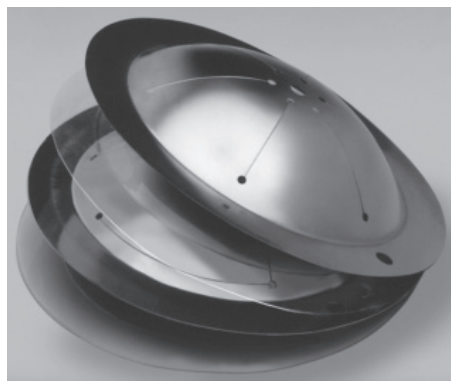
Composite Rupture Disc Types

Continental Disc Corporation manufactures several types of prebulged flat seat rupture discs.



The CDC is the basic Composite rupture disc and consists of a slotted metal top section, with a Teflon or metal seal on the process side of the top section.

The CDCV is a type CDC rupture disc, with a vacuum support installed on the process side of the rupture disc.



A type PL rupture disc incorporates a Teflon outlet liner and process side seal for added corrosion resistance. This rupture disc typically consists of a Teflon outlet liner, metallic top section and Teflon seal on the process side of the top section.

A PLV rupture disc is like the PL type rupture disc but will additionally withstand full vacuum. It is usually constructed of a Teflon outlet liner, metallic vacuum support, metallic top section and Teflon seal on the process side of the top section. Positioning Teflon on both the inlet and outlet sides helps protect the vacuum support and top section from corrosive media.

*Teflon is a registered trademark of E.I. du Pont de Nemours and Company used under license.
 **U.S. Patent No. 3,445,032

COMPOSITE/MICRO X RUPTURE DISCS

Composite and Micro X Rupture Disc Options

Sizes—The Composite (SF) rupture discs manufactured for use with Sanitary Fitting Holders FSS, FS2 and FS3 are available in nominal sizes ranging from 1" (25mm) to 10" (250mm).

The Micro X (CS) and Composite (CS) rupture discs manufactured for use with Sanitary Fitting Holders SCS are available in nominal sizes ranging from 1" (25mm) to 4" (100mm).

Liners/Coatings—Continental Disc Corporation offers both protective liners and coatings to provide additional protection from the effect corrosives might have on the performance of the rupture disc. Typically, liners are made of Teflon. Teflon coatings are also used to protect the rupture disc from a corrosive environment.

Protective Rings—Protective rings may be used with rupture discs made of thin materials or in instances where delicate liners or seals are used. These rings protect the rupture disc from foreign material in the sealing area where holders may be pitted or corroded from extended use.

Gaskets—Gaskets may be used to provide additional sealing and prevent leakage through the seating area of a scratched or pitted holder. They are located on the process side of the rupture disc and are usually manufactured of Teflon. Other materials are available upon request. A process side gasket is required when a rupture disc is used in Sanitary Fitting FSS, FS2 or FS3 holders.

Vacuum Support—Due to the thinness of some rupture disc materials, it is necessary to support a rupture disc when a system vacuum occurs. Continental Disc Corporation provides vacuum supports for Composite and Micro X rupture discs that will withstand full vacuum. For back pressure conditions higher than 14.7 psig (1 barg), consult the factory.

When ordering a Composite or Micro X rupture disc that will be subjected to a vacuum condition, specify clearly the conditions the rupture disc will encounter. Vacuum supports are manufactured to mate with a specific rupture disc and are permanently attached to ensure proper installation.

B.D.I.* Alarm System—In situations where it is important for immediate notification of pressure relief, Continental's patented B.D.I. (Burst Disc Indicator) Alarm System can be used. When the rupture disc bursts, the alarm strip is severed, triggering an electrical signal which translates into audio and/or visual warning signals actuated through an alarm monitor. The Continental Disc B.D.I. Alarm Monitor is available with intrinsically safe signal output and is computer compatible.

The B.D.I. alarm strip, when used with Composite (SF) rupture discs, is composed of conductors adhered to a Teflon membrane and placed on the outlet (vent) side of the rupture disc.

Consult the factory for information about alarm systems for use with Micro X (CS) or Composite (CS) rupture discs.

Manufacturing Range

Manufacturing range is defined as the allowable pressure range within which a rupture disc is rated. It is based upon the customer specified burst pressure. The manufacturing ranges for Continental's Composite and Micro X rupture discs are outlined in Table VIII.

Burst Tolerance

After the rupture disc has been manufactured and tested, it is stamped with the rated burst pressure. The rated (stamped) burst pressure is established by bursting a minimum of two discs and averaging the pressures at which the rupture discs burst. This average is the rated (stamped) burst pressure of the rupture disc.

Composite (SF) rupture discs and Micro X (CS) rupture discs are provided with a burst tolerance of ± 2 psig (0,14 barg) for pressures up to and including 40 psig (2,76 barg), and $\pm 5\%$ for pressures above 40 psig (2,76 barg), in accordance with ASME Code.

Burst tolerances of Composite (SF) rupture discs rated below 15 psig (1 barg) at 72°F (22°C) are outlined in Table VIII.

Tagging /Certification

Every lot of rupture discs manufactured by Continental Disc Corporation is furnished with a BURST CERTIFICATE and individual RUPTURE DISC TAG stating the manufacturing number, burst rating, temperature rating and any required customer identification information.

Recommended Maximum Temperatures

The maximum temperature limit for Sanitary Fitting Holders is 250°F (121°C). For applications exceeding the recommended maximum temperature, consult the factory.



*Burst Disc Indicator (B.D.I.) Alarm System incorporates United States patent no. Re. 34,308 and 4,408,194; Australia patent no. 539415; Canada patent no. 1199990; Germany patent no. 3174227.0; Belgium, France and United Kingdom patent no. EP 0 033 867; Japan patent no. 2032464.

PRESSURE RANGES

Table V - Minimum Pressure At 72°F (22°C) for Composite (SF) or (CS) Sanitary Fitting Rupture Discs

White bar indicates "psig" — Gray bar indicates "barg"

Disc Type	CDC		CDCV		CDC or CDCV with a Metal Seal			PL		PLV	
	TFE	FEP, PFA	TFE	FEP, PFA	Silver	Nickel	Monel	TFE	FEP, PFA	TFE	FEP, PFA
Disc Size											
1 in	25	30	30	35	150	190	230	35	40	60	80
25mm	1,7	2,1	2,1	2,4	10,3	13,1	15,9	2,4	2,7	4,1	5,5
1-1/2in	22	27	26	35	100	130	150	32	38	60	75
40mm	1,5	1,9	1,8	2,4	6,9	9,0	10,3	2,2	2,6	4,1	5,2
2 in	7	15	10	18	60	78	90	15	20	28	35
50mm	0,48	1,0	0,68	1,2	4,1	5,4	6,2	1,0	1,4	1,9	2,4
3 in	6	8	8	11	45	59	65	11	16	18	25
80mm	0,41	0,55	0,55	0,75	3,1	4,1	4,5	0,75	1,1	1,2	1,7
4 in	5	7	7	8	34	46	52	6	9	15	18
100mm	0,34	0,48	0,48	0,55	2,3	3,2	3,6	0,41	0,62	1,0	1,2
6 in	3	4	5	7	26	33	39	5	7	12	14
150mm	0,20	0,27	0,34	0,48	1,8	2,3	2,7	0,34	0,48	0,82	0,96
8 in	2	3	5	5	20	26	30	4	5	11	11
200mm	0,13	0,20	0,34	0,34	1,4	1,8	2,1	0,27	0,34	0,75	0,75
10 in	—	3	—	5	—	21	22	—	5	—	8
250mm	—	0,20	—	0,34	—	1,4	1,5	—	0,34	—	0,55

Notes for Table V:

1. Minimum pressures in the table are based upon the minimum of the manufacturing range at 72°F (22°C). Composite rupture discs specified at a minimum setting will have the manufacturing range added above the minimum pressure.

Example: A 3 inch (80mm) CDC (SF) or (CS) rupture disc with a FEP seal requested to burst at 8 psig (0,55 barg) @ 72°F (22°C) would have a standard manufacturing range of 8 psig (0,55 barg) to 14.4 psig (1,0 barg). The manufacturing range is added above the minimum pressure.

2. A Teflon gasket installed on the process side of the rupture disc is required when a Composite rupture disc is used in a FSS, FS2, or FS3 Sanitary Fitting holder.

Table VI — Micro X (CS) Rupture Disc Minimum Burst Pressure

White bar indicates "psig" — Gray bar indicates "barg"

Nominal Size	Rupture Disc Minimum With or Without Vacuum Support			
	Nickel	Monel	Inconel	316SS
1 in	190	285	355	450
25mm	13,1	19,7	24,5	31,0
1-1/2in	145	210	265	270
40mm	10,0	14,5	18,3	18,6
2 in	85	125	155	170
50mm	5,9	8,6	10,7	11,7
3 in	65	90	110	130
80mm	4,5	6,2	7,6	8,9
4 in	55	75	90	95
100mm	3,8	5,2	6,2	6,5

**Table VII — Maximum Pressure for Rupture Discs
Installed in a Sanitary Fitting Holder**

Nominal Size		Maximum Pressure At 72°F (22°F)							
		FSS		FS2		FS3		SCS	
inch	mm	psig	barg	psig	barg	psig	barg	psig	barg
1	25	250	17,2	250	17,2	250	17,2	275	19,0
1-1/2	40	175	12,1	175	12,1	175	12,1	275	19,0
2	50	100	6,89	100	6,89	100	6,89	275	19,0
3	80	100	6,89	100	6,89	100	6,89	275	19,0
4	100	75	5,17	75	5,17	75	5,17	275	19,0
6	150	50	3,45	50	3,45	50	3,45	—	—
8	200	40	2,76	40	2,76	40	2,76	—	—
10	250	30	2,07	30	2,07	30	2,07	—	—

**Table VIII — Manufacturing Range/Burst Tolerance At 72°F (22°C)
for Micro X and Composite Rupture Discs**

	Specified Burst Pressure Rating		Manufacturing Range		Burst Tolerance
	psig	barg	% Under	% Over	
Micro X	40 -up	2,76 - up	- 10	+ 0	+/- 5%
CDC, CDCV, PL, PLV	2 - 5	0,138 - 0,345	- 40	+ 40	+/- 25%
	6 - 8	0,414 - 0,552	- 40	+ 40	+/- 20%
	9 - 12	0,612 - 0,827	- 30	+ 30	+/- 15%
	13 - 14	0,896 - 0,965	- 10	+ 20	+/- 10%
	15 - 19	1,03 - 1,31	- 10	+ 20	+/- 2 psig
	20 - 40	1,38 - 2,75	- 4	+ 14	+/- 2 psig
	41 - 50	2,82 - 3,45	- 4	+ 14	+/- 5%
	51 - 100	3,52 - 6,89	- 4	+ 10	+/- 5%
	101 - 500	6,96 - 34,5	- 4	+ 7	+/- 5%
	501 - up	34,6 - up	- 3	+ 6	+/- 5%

ORDERING

To assure selection of the correct rupture disc and holder for your application, the following information should be supplied when placing an order.

To discuss more specific information regarding the applicable rupture disc for your installation, a B.D.I. Alarm System or accessory, call, write or fax the nearest Continental direct sales office listed on the back.

SPECIFICATIONS

1. Quantity _____
2. Rupture disc: type _____
size _____
3. Sanitary Fitting connection sizes:
Inlet _____ Outlet _____
4. Materials of construction:
Rupture disc _____
S.F. holder _____
5. Options:
linings _____ rings _____
gaskets _____ vacuum support _____
6. Specified burst pressure _____
temperature _____
7. Manufacturing range of rupture disc

8. Does application require the use of a non-fragmenting disc? YES NO
9. Previous manufacturing number (if known) _____

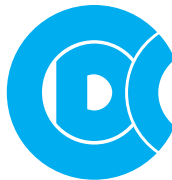
OPERATING SPECIFICATIONS

1. M.A.W.P. _____
2. Operating pressure _____
3. Operating temperature _____
4. Vacuum / back pressure conditions

5. Cycle conditions _____
6. Flow rate required _____
7. Process media _____
8. Molecular weight /specific gravity _____

QUALITY ASSURANCE/ DOCUMENTATION

1. ASME Code tests: YES NO
2. Special cleaning /packaging _____
3. Special tagging _____
4. Material test reports: YES NO
5. Other _____



**Continental Disc[®]
Corporation**

Performance Under Pressure[®]

A Siegel-Robert Company



Certified Quality System
First Certified In 1992



ASME Code Symbol Stamp
Available When Specified



China Manufacture License
Available When Specified



Pressure Equipment Directive
Available When Specified

Continental Disc Corporation has representatives located throughout the world.
Contact the C.D.C. office nearest you for the authorized representative in your area.

CORPORATE HEADQUARTERS

Continental Disc Corporation
3160 W. Heartland Drive
Liberty, Missouri 64068-3385

Phone: (816) 792-1500
FAX: (816) 792-2277/5447
E-mail: pressure@contdisc.com
Website: www.contdisc.com

THE NETHERLANDS

Continental Disc Corporation
Energieweg 20
2382 NJ Zoeterwoude-Rijndijk
The Netherlands
Phone: + (31) 71-5412221
FAX: + (31) 71-5414361
E-mail: cdcnl@contdisc.com

GERMANY

Continental Disc
Deutschland GmbH
Virmondstrasse 151
47877 Willich
Germany
Phone: + (49) 2156-490802
FAX: + (49) 2156-492547
E-mail: cdd@contdisc.com

UNITED KINGDOM

Continental Disc UK Ltd.
Unit C, The Business Centre
Faringdon Avenue,
Harold Hill, Romford
Essex RM3 8EN
United Kingdom
Phone: + (44) 1708-386444
FAX: + (44) 1708-386486
E-mail: cduk@contdisc.com

CHINA

Continental Disc Corporation
2026 The Executive Center
20/F The Center
989 Changle Rd.
Shanghai, 200031
P.R. China
Phone: + (86) 21-5117-5848
Fax: + (86) 21-5117-5849
Mobile: + (86) 137-8897-2291
E-mail: jyang@contdisc.com

DUBAI

Continental Disc Corporation
P.O. Box 2234
Dubai, U.A.E.
Phone: + (971) 43214490
FAX: + (971) 43438840
Mobile: + (971) 508129525
E-mail: kannan@contdisc.com

Continental Disc Corporation reserves the right to alter the information in this publication without notice.