

FLUID HANDLING COMPONENTS

Screen Gaskets

Screen gaskets provide the most comprehensive range of stainless steel mesh and filter cloth which help particulate elimination to protect fill and finish sterile products, spray balls and spray nozzles.

Gaskets meet USP Class VI, USDA, 3-A , manufactured to CGMP Guidelines, FDA CFR 21 177.2600 compliant. All gaskets are ADI Free® (Animal Derived Ingredient Free)

Applications: Elimination of particulates are critical to the CGMP in the injectable filled product.

Chromatography columns. Upstream particulate removal and Downstream filtration.

Platinum-cured Silicone: These gaskets are the excellent choice for pharmaceutical, injectable, high-purity water, food, and beverage applications

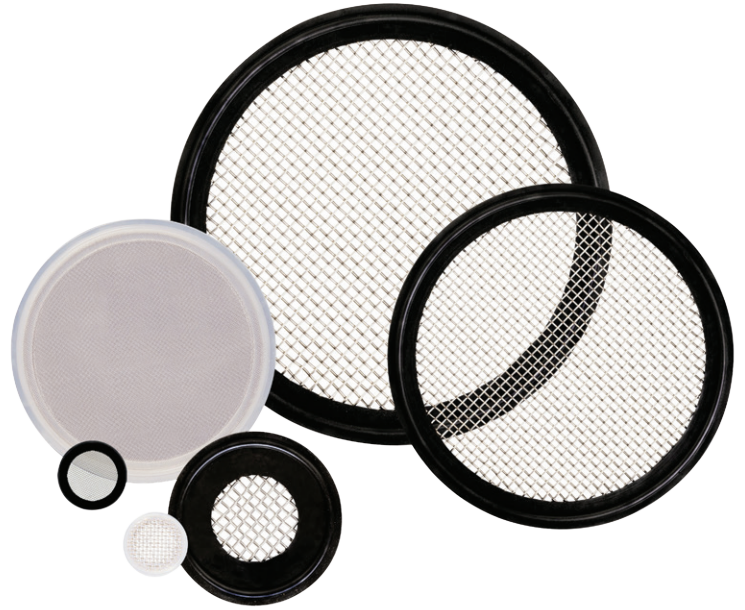
Temperature Range: -50°C to 230°C

PTFE: They offer the best chemical compatibility and have exceptional resistance to high temperatures, corrosion, & stresscracking. PTFE gaskets will meet the highest demands in pharmaceutical, food and chemical applications.

Temperature Range: -73°C to 260°C

FKM: These Gaskets have excellent compatibility with strong acids and maintain a broad range of operating temperatures, resist hardening and embrittlement. Applications include Pharmaceutical, Chemical, automotive & Fuel lines

Temperature Range: -32°C to 204°C



Size	Part Number				
	10	20	40	60	100
Platinum-cured Silicone Gaskets					
1/2	-	SBM050S-20	SBM050S-40	SBM050S-60	SBM050S-100
3/4	-	SBM075S-20	SBM075S-40	SBM075S-60	SBM075S-100
1	SBM100S-10	SBM100S-20	SBM100S-40	SBM100S-60	SBM100S-100
1 1/2	SBM150S-10	SBM150S-20	SBM150S-40	SBM150S-60	SBM150S-100
2	SBM200S-10	SBM200S-20	SBM200S-40	SBM200S-60	SBM200S-100
PTFE Gaskets					
1/2	-	SBM050T-20	SBM050T-40	SBM050T-60	SBM050T-100
3/4	SBM075T-10	SBM075T-20	SBM075T-40	SBM075T-60	SBM075T-100
1	SBM100T-10	SBM100T-20	SBM100T-40	SBM100T-60	SBM100T-100
1 1/2	SBM150T-10	SBM150T-20	SBM150T-40	SBM150T-60	SBM150T-100
2	SBM200T-10	SBM200T-20	SBM200T-40	SBM200T-60	SBM200T-100
FKM Gaskets					
1/2	-	SBM050U-20	SBM050U-40	SBM050U-60	SBM050U-100
3/4	-	SBM075U-20	SBM075U-40	SBM075U-60	SBM075U-100
1	SBM100U-10	SBM100U-20	SBM100U-40	SBM100U-60	SBM100U-100
1 1/2	SBM150U-10	SBM150U-20	SBM150U-40	SBM150U-60	SBM150U-100
2	SBM200U-10	SBM200U-20	SBM200U-40	SBM200U-60	SBM200U-100

Smart Gasket® with the Spore Trap

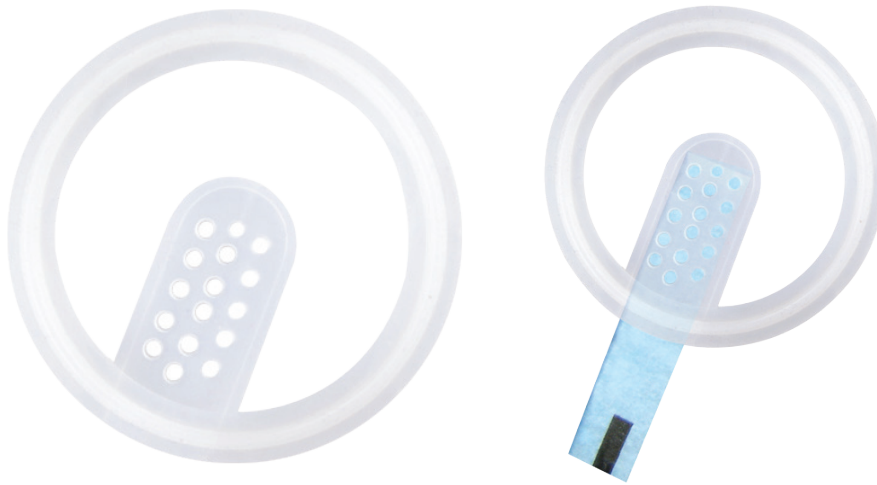
Designed to securely retain and accurately expose spore challenge test strips, for use in steam sterilization when validating. Prevents loss of Spore Test Strips in process system.

Can be installed easily, Safe to use & User Friendly Available without or with 1 port

The spore trap, with its securely retained test strip, can easily be removed and rechallenge, after each validation cycle,

Spore Trap Slotted Hinge Clamp works with the Spore Trap for collecting samples within a piping system.

The Spore Trap Slotted Hinge Clamp is available with one port or no port.



Size	Gasket			Clamp for Spore Trap Gasket			
	Material	Part Number		Size	Material	Part Number	
		NO Port	1 Port			NO Port	1 Port
1½"	Platinum-cured Silicone	SBR150S-0	SBR150S-1	1½"	SS304	SBC150Y-0	SBC150Y-1
	EPDM	SBR150E-0	SBR150E-1				
	FKM	SBR150U-0	SBR150U-1				
2"	Platinum-cured Silicone	SBR200S-0	SBR200S-1	2"	SS304	SBC200Y-0	SBC200Y-1
	EPDM	SBR200E-0	SBR200E-1				
	FKM	SBR200U-0	SBR200U-1				
3"	Platinum-cured Silicone	SBR300S-0	SBR300S-1	3"	SS304	SBC300Y-0	SBC300Y-1
	EPDM	SBR300E-0	SBR300E-1				
	FKM	SBR300U-0	SBR300U-1				
4"	Platinum-cured Silicone	SBR400S-0	SBR400S-1	4"	SS304	SBC400Y-0	SBC400Y-1
	EPDM	SBR400E-0	SBR400E-1				
	FKM	SBR400U-0	SBR400U-1				

FLUID HANDLING COMPONENTS

Sanitary Gaskets for Tri-clamp Fittings

Sanitary Gaskets are used widely in the Food, Dairy, Beverage, Biotech, Pharmaceutical, and all other Sanitary Process industries to seal clamp connections in sanitary pipe lines.

These Gaskets meet U.S. Pharmacopeia Class VI Certification, Cytotoxicity Criteria, FDA CFR Title 21 Section 177.1550 and Section 177.2600, 3-A Sanitary Standards, USDA Standards, Current Good Manufacturing Practices (CGMP), ASME-BPE Standards, ADI Free (Animal Derived Ingredient Free)

Platinum Cured Silicone: Odorless, tasteless, non-toxic seals maintain product integrity and can be autoclaved, irradiated and gas sterilized.

Temperature Range: -50°C to 230°C

EPDM: Excellent for hot water and steam service, good resistance to mild acids, alkalis and alcohols.

Temperature Range: -34°C to 148°C

PTFE Envelope Gasket: Has the chemical resistance of PTFE and the elastomeric characteristics of EPDM .

Temperature Range: -73°C to 260°C

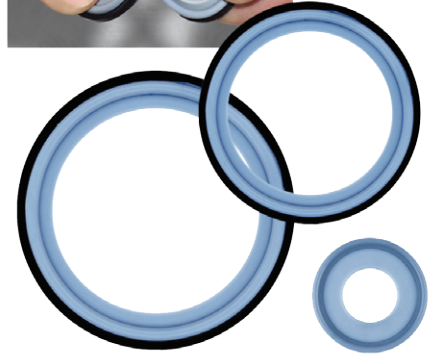
Tufflex: Unites the flexibility of an elastomer with the chemical resistance of PTFE.

Temperature Range: -28°C to 148°C

Tuf-Flex® will not impart taste or odor.

Withstands up to 500 steam cycles guaranteed.

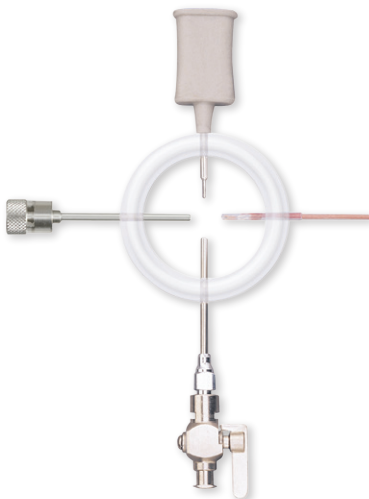
Totally unitized, perfectly sealed and Leak-proof performance



Size	Platinum Cured Silicone	EPDM	PTFE Envelope Gasket	Tuf-Flex EPDM encapsulated PTFE)
1/2	SBG050S	SBG050E	SBG050T	SBG050X
3/4	SBG075S	SBG075E	SBG075T	SBG075X
1	SBG100S	SBG100E	SBG100T	SBG100X
1 1/2	SBG150S	SBG150E	SBG150T	SBG150X
2	SBG200S	SBG200E	SBG200T	SBG200X
2 1/2	SBG250S	SBG250E	SBG250T	SBG250X

Smart Gasket

Smart Gasket's® value is proven when validating sterility in a high-purity pharmaceutical system. The Smart Gasket® is used to obtain the critical thermal mapping information you need during the validation process.



Clamp Size	Material	Part Number			
		1 Port	2 Port	3 Port	4 Port
1/2	Platinum-cured Silicone	SBR050S-1	SBR050S-2	SBR050S-3	SBR050S-4
	EPDM	SBR050E-1	SBR050E-2	SBR050E-3	SBR050E-4
	FKM	SBR050U-1	SBR050U-2	SBR050U-3	SBR050U-4
3/4	Platinum-cured Silicone	SBR075S-1	SBR075S-2	SBR075S-3	SBR075S-4
	EPDM	SBR075E-1	SBR075E-2	SBR075E-3	SBR075E-4
	FKM	SBR075U-1	SBR075U-2	SBR075U-3	SBR075U-4
1	Platinum-cured Silicone	SBR100S-1	SBR100S-2	SBR100S-3	SBR100S-4
	EPDM	SBR100E-1	SBR100E-2	SBR100E-3	SBR100E-4
	FKM	SBR100U-1	SBR100U-2	SBR100U-3	SBR100U-4
1 1/2	Platinum-cured Silicone	SBR150S-1	SBR150S-2	SBR150S-3	SBR150S-4
	EPDM	SBR150E-1	SBR150E-2	SBR150E-3	SBR150E-4
	FKM	SBR150U-1	SBR150U-2	SBR150U-3	SBR150U-4
2	Platinum-cured Silicone	SBR200S-1	SBR200S-2	SBR200S-3	SBR200S-4
	EPDM	SBR200E-1	SBR200E-2	SBR200E-3	SBR200E-4
	FKM	SBR200U-1	SBR200U-2	SBR200U-3	SBR200U-4

Smart Gasket Accessories

Clamps

The Smart Gasket clamps are required with the gaskets because they have slots in them that allow for the different number of ports. The clamps are specific to the number of ports on the gasket.



Clamp Size	Part Number			
	1 Port	2 Port	3 Port	4 Port
1/2	SBC050Y-1	SBC050Y-2	SBC050Y-3	SBC050Y-4
3/4	SBC075Y-1	SBC075Y-2	SBC075Y-3	SBC075Y-4
1	SBC100Y-1	SBC100Y-2	SBC100Y-3	SBC100Y-4
1 1/2	SBC150Y-1	SBC150Y-2	SBC150Y-3	SBC150Y-4
2	SBC200Y-1	SBC200Y-2	SBC200Y-3	SBC200Y-4

Accessories:

SBTEMPS - Temperature Probe Short

SBTEMLP - Temperature Probe - Long

SBKNB - Stopcock -To fit sampling/injection tube; female luer x male luer lock, nickel-plated brass

SBEXT03 - Extension Lead 3mm, 3 feet

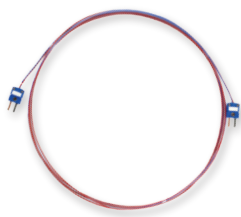
SBEXT06 - Extension Lead 6mm 6 feet

SBEXT12 - Extension Lead 12 mm 12 feet

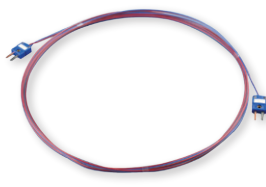
SBHCB - Hole Plug- Chrome-plated brass head with SS shaft 1-1/2" long *Also available in 316 SS

SBWT - Thermocouple Wire-Coated thermocouple wire probe x 10' long for use with thermometer

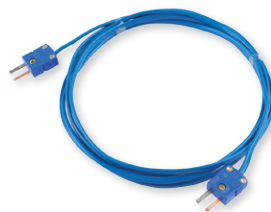
SBICB - Sampling/Injection Tube - Chrome-plated brass female luer head with 1-1/2" long stainless hypodermic tube



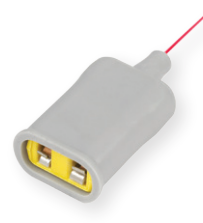
SBWT
Type Teflon
Coated Wire Probe



SBW K
K Type Kapton
Coated Wire Probe



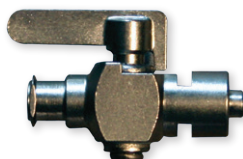
SBEXT
Extension Leads
3MM, 6MM 32MM



SBTEMPS
Temperature
Probe Short



SBTEMLP
Temperature Probe
Long



SBKNB
Stockcock



SBICB
Sampling Injection
Tube



SBHCB
Hole Plug

