Sanitary Stainless Steel Tube and Clamp Fittings

Clamp connections allow easy assembly and disassembly of process lines and equipment. 180 Grit I.D./150 Grit O.D. surface finish. Unions connect with heavyduty clamps and sanitary gaskets. 3-A Certified. Gaskets sold on page 2788.

		T316L SS			T316L SS
Description Tube Size	Item No.	Item No.	Description Tube Size	Item No.	Item No.
Concentric Reducer. Clan		NU.	Heavy Wall Tank Ferrule.		NU.
1 ½ in x 1 in	11P821	11P832	1 in	11L917	11L923
2 in x 1 in	11P822	11P833	1 ½ in	11L918	11L924
2 in x 1 ½ in	11P823	11P834	2 in	11L919	11L925
2 ½ in x 1 ½ ir		11P835	2 ½ in	11L920	11L926
2 ½ in x 2 in	11P825	11P836	3 in	11L921	11L927
3 in x 1 ½ in	11P826	11P837	4 in	11L922	11L928
3 in x 2 in	11P827	11P838	Hose Barb Adapter, Clam	p x Hose Ba	
3 in x 2 ½ in	11P828	11P839	1/2 in		11L947
4 in x 2 in	11P829	11P840	3/4 in	<u> </u>	11L948
4 in x 2 ½ in	11P830	11P841	1 in	11L941	11L949
4 in x 3 in	11P831	11P842	1 ½ in	11L942	11L950
Elbow, 45°, Clamp	11D024	11D030	2 in 2 ½ in	11L943 11L944	11L951 11L952
1 in 1½ in	11D024	11D030	3 in	11L944 11L945	11P765
2 in	11D025	11D031	4 in	11L945	11P766
2 ½ in	11D027	11D032	Long Tank Ferrule, Clamp		111700
3 in	11D028	11D034	1 in	11L929	11L935
4 in	11D029	11D035	1 ½ in	11L930	11L936
Elbow, 90°, Clamp		112000	2 in	11L931	11L937
1 in	11D012	11D018	2 ½ in	11L932	11L938
1 ½ in	11D013	11D019	3 in	11L933	11L939
2 in	11D014	11D020	4 in	11L934	11L940
2 ½ in	11D015	11D021	Male Adapter, Clamp x M		
3 in	11D016	11D022	1 in	11P767	11P773
4 in	11D017	11D023	1 ½ in	11P768	11P774
Elbow, 90°, Clamp x Butt		440070	2 in	11P769	11P775
1 in	11P867	11P873	2 ½ in	11P770	11P776
1 ½ in	11P868 11P869	11P874 11P875	3 in 4 in	11P771 11P772	11P777 11P778
2 in 2 ½ in	11P870	11P876	Roll-On Ferrule, Clamp	HIFIIZ	1117710
3 in	11P871	11P877	1 in	11L890	11L896
4 in	11P872	11P878	1 ½ in	11L891	11L897
Equal Tee, Clamp			2 in	11L892	11L898
1 in	11D036	11L870	2 ½ in	11L893	11L899
1 ½ in	11D037	11L871	3 in	11L894	11L901
2 in	11D038	11L872	4 in	11L895	11L902
2 ½ in	11L867	11L873	Short Ferrule, Clamp		
3 in	11L868	11L874	1½ in	_	11L909
4 in	11L869	11L875	3/4 in		11L910
Female Adapter, Clamp x		440705	1 in	11L903	11L911
1 in	11P779	11P785	1 ½ in	11L904	11L912
1 ½ in	11P780	11P786	2 in	11L905	11L913 11L914
2 in 2 ½ in	11P781 11P782	11P787 11P788	2 ½ in 3 in	11L906 11L907	11L914 11L915
3 in	11P783	11P789	4 in	11L907	11L916
4 in	11P784	11P790	Solid End Cap, Clamp	IILSUU	TILSIO
Ferrule, Clamp	111704	111 730	½ in, ¾ in		11P797
1 in	11L876	11L884	1 ½ in	11P791	
1 ½ in	11L877	11L885	1 in x 1 ½ in		11P798
2 in	11L878	11L886	2 in	11P792	11P799
2 ½ in	11L879	11L887	2 ½ in	11P793	11P801
3 in	11L880	11L888	3 in	11P794	11P802
4 in	11L881	11L889	4 in	11P795	
			6 in	11P796	

Sanitary Stainless Steel Clamps and Hangers

Clamps are O.D. polished to a smooth finish and are used with 3-A Certified fittings. Hangers have hexagonal shape with either Alcryn grommets or polypropylene inserts.

	ES .	E C	10	P		5	3
		T304 Stair	iless Steel			Hex Hanger with Grommets,	Hex Hanger with Insert.
	3-Piece	Heavy	High-		For	T304 SS/Alcrvn	T304 SS/PVC
	Segment	Duty	Pressure	E-Line	Tube	Item	Item
	Clamp	Clamp	Clamp	Clamp	Size	No.	No.
For	Item	Item	Item	Item	Hangers		
Tube Size	No.	No.	No.	No.	½ in	11R108	11R116
Clamps		No.	No.	No.	1/2 in 3/4 in	11R108 11R109	11R117
	_	No.	No.	_			
Clamps	_			 11P985	3/4 in	11R109	11R117
Clamps ½ in, ¾ in 1 in, 1 ½ in 2 in	 11P810 11P811	11P804 11P805 11P806	11P815 11P816 11P817	11P985 11P986	3/4 in 1 in 1 ½ in 2 in	11R109 11R110	11R117 11R118 11R119 11R120
Clamps ½ in, ¾ in 1 in, 1 ½ in 2 in 2 ½ in	 11P810 11P811 11P812	11P804 11P805 11P806 11P807	11P815 11P816 11P817 11P818	11P985 11P986 11P987	3/4 in 1 in 1 ½ in 2 in 2 ½ in	11R109 11R110 11R111 11R112 11R113	11R117 11R118 11R119 11R120 11R121
Clamps ½ in, ¾ in 1 in, 1 ½ in 2 in	 11P810 11P811	11P804 11P805 11P806	11P815 11P816 11P817	11P985 11P986	3/4 in 1 in 1 ½ in 2 in	11R109 11R110 11R111 11R112	11R117 11R118 11R119 11R120 11R121 11R122
Clamps ½ in, ¾ in 1 in, 1 ½ in 2 in 2 ½ in	 11P810 11P811 11P812	11P804 11P805 11P806 11P807	11P815 11P816 11P817 11P818	11P985 11P986 11P987	3/4 in 1 in 1 ½ in 2 in 2 ½ in	11R109 11R110 11R111 11R112 11R113	11R117 11R118 11R119 11R120 11R121

Disc Material T304 | T316L **Sanitary** Stainless Stainless **Stainless Steel** Steel Steel Item Tube Overall Item **Butterfly Valves** Length 2 19/32 in | 53CT94 53CU01 Max. pressure: 145 psi 1 ½ in 2 ¾ in 53CT95 2 in 3 in 53CT96 2 ½ in 3 ⅓32 in 53CT97 53CU02 53CU03 ■ Temp. range: 15° to 266°F 53CU04 Feature 32 Ra I.D. surface finish, silicon seats, and clamp-style connection.

Sanitary **Stainless** Steel 2-Way **Ball Valves**

■ Temp. range: -65° to 320°F

Design allows for unrestricted flow through valve. Can be serviced without complete removal from line. 316 stainless steel construction with PTFE seats. 20 Ra I.D. finish. Full port style. Blowout-proof stem. Pad lockable handle is AISI-304 stainless steel. Seats in compliance with FDA Regulations.

Size	Lengtn	NO.
Clamp x	Clamp	
1/2 in	3 ½ in	11A421
3/4 in	4 in	11A422
1 in	4 ½ in	11A423
1 ½ in	5 ½ in	11A424
2 in	6 %4 in	11A425
2 ½ in	7 3/4 in	11A426
3 in	9 in	11A427
4 in	9 %16 in	11A428
Butt We	ld x Butt	Weld
1/2 in	3 ½ in	11A429
3/4 in	4 in	11A430
1 in	4 ½ in	11A431
1 ½ in	6 %4 in	11A432
2 in	6 %4 in	11A433
2 ½ in	7 ¾ in	11A434
3 in	9 in	11A435
4 in	9 %16 in	11A436

Overall

		PDM		to 300°F				
		TFE		to 500°F			2N559	
		icone		to 450°F		12	2N339	
		KM		to 400°F				W.
	lu'	f-Flex	-20	to 300°F				AND.
				1	Pla	tinum		
		EPDM	BUNA	PTFE		icone	FKM	
	Tube	Item	Item	Item		tem	Item	
	Size	No.	No.	No.		No.	No.	
		mp Gaske						Tul
	½ in	5PXY1	5PXZ0	5PYC7	5F	PYA8	5PXZ9	Siz
	3/4 in	5PXY2	5PXZ1	5PYC8	5F	PYA9	5PYA0	Tri-0
	1 in	5PXY3	5PXZ2	5PYC9		YCO	5PYA1	Ray
	1 ½ in	5PXY4	5PXZ3	5PYD0		YC1	5PYA2	1
	2 in	5PXY5	5PXZ4	5PYD1		YC2	5PYA3	1 1/2
	2 ½ in	5PXY6	5PXZ5	5PYD2		YC3	5PYA4	2 i
	3 in	5PXY7	5PXZ6	5PYD3		YC4	5PYA5	2 1/2
	4 in	5PXY8	5PXZ7	5PYD4		YC5	5PYA6	3 i
	6 in	5PXY9	5PXZ8	5PYD5	5F	PYC6	5PYA7	4 i
							BUNA	
					1	Tube	Item	
		BUNA-	BUNA-	TUF-		Size	No.	Tu
		Flat	BSB	STEEL®	Tr	i-Clam	p Screen	Si
	Tube	Item	Item	Item	Ga	skets		Ori
	Size	No.	No.	No.		1 in	5PYJ3	1
	Bevel S					½ in	5PYJ4	1 ½
	1 ½ in	5PYD7	5PYK6	35YX27		2 in	5PYJ5	2
Ì	2 in	5PYD8	5PYK7	35YX28		½ in	5PYJ6	2 1/
ı.	2 ½ in	5PYD9	5PYK8	35YX29		3 in	5PYJ7	3
١.	3 in	5PYE0	5PYK9	35YX30		4 in	5PYJ8	4

Temp. Chart

-30 to 200°F

			1			d	6	
n		-				_		
е	FKM Item No.		BUNA	EPDM	FKM		Silicon	TUF- e STEEL®
	IVU.	Tube	Item	Item	Item		Item	Item
	5PXZ9	Size	No.	No.	No.		No.	No.
-	5PYA0		p Detect			ect		
	5PYA1		ectable				шыго, л	
-	5PYA2	1 in	12N554		11Z82	7	12N562	2 12N570
_	5PYA3	1 ½ in	12N555	11Z820	11Z82			3 12N571
	5PYA4	2 in	12N556	11Z821	11Z82			1 12N572
	5PYA5	2 ½ in	12N557	11Z822	11Z83			12N573
	5PYA6	3 in	12N558	11Z823	11Z83			12N574
	5PYA7	4 in	12N559	11Z824		2		7 12N575
	BUNA		DUMA	1				
		,	BUNA 22alniet2		1			THE.
	Item		Stainless	Plate		P	TFF	TUF- STEEL®
m	Item No.	Tube	Stainless Item	Plate	Tuhe		TFE	STEEL®
	Item	Tube Size	Stainless Item No.	Plate	Tube Size	Ì	tem	STEEL® Item
ım	Item No.	Tube Size Orifice	Stainless Item No.	Plate	Size	Ì		STEEL®
	Item No. p Screen	Tube Size	Stainless Item No. Plate	Plate		Ì	tem	STEEL® Item
ts	Item No. p Screen 5PYJ3	Tube Size Orifice 1 in	Stainless Item No. Plate 5PYJ	Plate	Size -Line	51	tem No.	STEEL® Item
ts	1tem No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6	Tube Size Orifice 1 in 1 ½ in	Stainless Item No. Plate 5PYJ 5PYK	Plate 9 1	Size -Line I ½ in 2 in 2 ½ in	51 51 51	tem No. PYL2 PYL3 PYL4	STEEL® Item No.
ts	1tem No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in 3 in	Stainless Item No. Plate 5PYK 5PYK 5PYK 5PYK	Plate 9 10 11 2 3	Size -Line 1½ in 2 in	51 51 51 51	tem No. PYL2 PYL3 PYL4 PYL5	STEEL® Item No. 35YX31 35YX32 35YX25
ts	1tem No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in	Stainless Item No. Plate 5PYJ 5PYK 5PYK 5PYK	Plate 9 10 11 2 3	Size -Line I ½ in 2 in 2 ½ in	51 51 51 51	tem No. PYL2 PYL3 PYL4	STEEL® Item No. ———————————————————————————————————
ts 1	Item No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8	Tube Size Orifice 1 in 1½ in 2 in 2 ½ in 3 in 4 in	Stainless	9 0 1 2 2 3 4 EPDM	Size -Line 1½ in 2 in 2½ in 3 in 4 in	51 51 51 51	tem No. PYL2 PYL3 PYL4 PYL5 PYL6	STEEL® Item No
ts	5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in 3 in 4 in	Stainless Item No. Plate 5PYJ 5PYK 5PYK 5PYK 5PYK 5PYK FPYK 1te	9 0 1 1 2 2 3 3 4 EPDM	Size -Line 1½ in 2 in 2½ in 3 in 4 in	51 51 51 51	tem No. PYL2 PYL3 PYL4 PYL5 PYL6	STEEL® Item No. 35YX31 35YX32 35YX25 35YX24 E/EPDM Item
ts	5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8 5PYJ8 5PDM-16 SS Mesh	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in 3 in 4 in Tube Size	Stainless Item No. Plate 5PYJ 5PYK 5PYK 5PYK 5PYK 5PYK FPYK 5PYK No.	9 0 1 1 2 2 3 3 4 EPDM	Size -Line 1½ in 2 in 2½ in 3 in 4 in	51 51 51 51	TEM No. PYL2 PYL3 PYL4 PYL5 PYL6	STEEL® Item No. 35YX31 35YX32 35YX25 35YX24 E/EPDM tem No.
ts	Item No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8 PDM-16 SS Mesh Item	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in 3 in 4 in Tube Size Tuf-Fley	Stainless	9 0 1 1 2 2 3 3 4 EPDM m	Size -Line 1 ½ in 2 in 2 ½ in 3 in 4 in	51 51 51 51 51	PYL2 PYL3 PYL4 PYL5 PYL6 PTFE	STEEL® Item No. 35YX31 35YX32 35YX25 35YX24 E/EPDM tem No. R090
ts	5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8 5PYJ8 5PDM-16 SS Mesh	Tube Size Orifice 1 in 1 ½ in 2 in 3 in 4 in Tube Size Tuf-Fley	Stainless Item No. Plate 5PYJ 5PYK 5PYK 5PYK 5PYK 5PYK 1te No Gasket 38R	9 II 00 11 12 2 3 3 4 EPDM m	Size -Line 1 ½ in 2 in 2 ½ in 3 in 4 in Tube Size 2 in 2 ½ in	51 51 51 51	tem No. PYL2 PYL3 PYL4 PYL5 PYL6 PTFF	STEEL® Item No. 35YX31 35YX32 35YX25 35YX24 E/EPDM tem No. R090 R091
ts i	Item No. p Screen 5PYJ3 5PYJ4 5PYJ5 5PYJ6 5PYJ7 5PYJ8 PDM-16 SS Mesh Item	Tube Size Orifice 1 in 1 ½ in 2 in 2 ½ in 3 in 4 in Tube Size Tuf-Fley	Stainless	9 0 10 10 10 10 10 10 10 10 10 10 10 10 1	Size -Line 1 ½ in 2 in 2 ½ in 3 in 4 in	51 51 51 51	PYL2 PYL3 PYL4 PYL5 PYL6 PTFF	STEEL® Item No. 35YX31 35YX32 35YX25 35YX24 E/EPDM tem No. R090

Sanitary Gaskets

Tri-Clamp—Gaskets are used to seal clamp connections in sanitary pipe lines. For use in the beverage, biotech, dairy, food, pharmaceutical, and other sanitary process applications. Buna N material does not meet USP Class VI and is not ADI free.

Tri-Clamp Detectomer Metal Detectable/X-Ray

Inspectable—Allow metal and x-ray detection equipment to instantly locate and reject products contaminated with displaced gasket material.

Bevel Seat—Designed for use in sanitary piping systems in the beverage, dairy, food, and pharmaceutical industries.

Tri-Clamp Screen—Help eliminate particulates to protect fill and finish sterile products, spray balls, and spray nozzles.

Rubber Fab

Orifice Plate-Allow flow rate adjustment, backflow balance, and back pressure equalization during sterilizing in place (SIP) procedures.

I-Line—Designed for use in sanitary piping systems in the beverage, dairy, food, and pharmaceutical industries.

Tuf-Flex-Innovative unitized gasket has high standards for flexibility, performance, and purity. Specifically designed for critical requirements in biotechnology, pharmaceutical, ultrapure water, and WFI (water-for-injection) applications.

Sock Screen-Extended sockshaped mesh gaskets are inserted into the inside of stainless steel tubing and provide filtration for a greater soil retention. Offer up to 300% more open area for 300% more soil collection capability than conventional screens.

BUNA-16 SS Mesh

Item

EPDM-10

SS Mesh

Item

BUNA-10 SS Mesh

Item