NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS N	AME: Swagelok Company		
MANUFACTURERS A	-	d, Solon, Ohio 44139 USA	
PLANT LOCATIONS:	Headquarters 20500 Cala	d, Solon, Onio 44139 USA	
CATEGORY	OF FITTINGS TO BE DEGISTED	n Road, Solon, Ohio 44139 USA (See At ED. CIRCLE ONE CATEGORY ONLY	tachment A)
A Pipe fittings, includi B Flanges: all flanges C Valves: all line valv D Expansion joints, fie E Strainers, filters, se; F Measuring devices, pressure transmitter G Certified capacity-re boilers, pressure ve R Pressure retaining o	ng couplings, tees, elbows, Ys, pluses sizible connections, and hose assentiators, and steam traps including pressure gauges, level gasted pressure relief devices accepts seets, piping and fusible plugs components that do not fall into one	nblies: all types suges, eight glasses, levels, or sable as primary over pressure protection on	ASME B31.3 for unlisted components
N Nuclear components	: Class 1 Class 2 Class 3 !	D. (Meeting AECS or ASME may/rements)	
Sv	vadelok	OGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION FORGED WELDED WROUGHT CAST OTHER IN DESCRIBE OTHER: wire, strip, bur
sol Feldman, Vice Preside sponsibility for the que y knowledge represer mperature ratings, an shufacture of these file in part and has been	d identification markings are in tings is regulated by a Quality verified by RSI	emply declare that the information contained tration is sought. The dimensions, materials a accordance with the herein named standa Control Program which extends to each plant	or in this form is true and to the best of of construction, pressure rds. I further declare that the ant where fabrication occurs in whole
pel Feldman, Vice Preside sponsibility for the qui y knowledge represer inperature ratings, an anufacture of these file in part and has been	ality of the end product do sole into the product for which regist id identification markings are in titings is regulated by a Quality verified by BSI publishediexing it to be true, and	emply declare that the information contained tration is sought. The dimensions, materials a accordance with the herein named stands Control Program which extends to each pla as being suitable for the knowing that it is of the same force and eff	or in this form is true and to the best of construction, pressure rds. I further declare that the in whole this where fabrication occurs in whole
cel Feldman, Vice Preside sponsibility for the qui y knowledge represent presentative ratings, an anufacture of these fit in part and has been claration consciention	ality of the end product do sole its the product for which regist of identification markings are in things is regulated by a Quality verified by RSI	emply declare that the information contained tration is sought. The dimensions, materials a accordance with the herein named stands Control Program which extends to each pla as being suitable for the knowing that it is of the same force and eff	or in this form is true and to the best of of construction, pressure rds. I further declare that the ant where fabrication occurs in whole
cel Feldman, Vice Preside sponsibility for the que y knowledge represent mperature ratings, an anufacture of these fir in part and has been claration consciention quature of Declarer:	ality of the end product do sole into the product for which regist di identification markings are in tilings is regulated by a Quality verified by BSI usty believing it to be true, and Aud 2/10,	emply declare that the information contained ration is sought. The dimensions, materials accordance with the herein named standa Control Program which extends to each place as being suitable for the knowing that it is of the same force and effection of t	or in this form is true and to the best of s of construction, pressure rds. I further declare that the int where fabrication occurs in whole it purpose and I make this solemn ect as if made under oath.
ool Feldman, Vice Preside sponsibility for the quey knowledge represent perature ratings, an anufacture of these fillin part and has been claration consciention gnature of Declarer: clared before me at the commissioner of Oaths with the commissioner of Oaths with the commissioner of Oaths commissioner of Oaths commissioner of Oaths capacity for the commissioner of Oaths capacity for the commissioner of Oaths capacity for the	cality of the end product do sole that the product for which regist did identification markings are in things is regulated by a Quality verified by BSI usby heliculog it to be true, and 2/10, Unable to get a possession of the control of the contr	emply declare that the information contained ration is sought. The dimensions, materials accordance with the herein named standa Control Program which extends to each place as being suitable for the knowing that it is of the same force and eff /2021 7:27 AM EST	or in this form is true and to the best of s of construction, pressure rds. I further declare that the int where fabrication occurs in whole it purpose and I make this solemn ect as if made under oath.
ool Feldman, Vice Preside sponsibility for the quey knowledge represent perature ratings, an anufacture of these fillin part and has been claration consciention gnature of Declarer: clared before me at the commissioner of Oaths with the commissioner of Oaths with the commissioner of Oaths commissioner of Oaths commissioner of Oaths capacity for the commissioner of Oaths capacity for the commissioner of Oaths capacity for the	cality of the end product do sole that the product for which regist did identification markings are in things is regulated by a Quality verified by BSI usby heliculog it to be true, and 2/10, Unable to get a possession of the control of the contr	emply declare that the information contained ration is sought. The dimensions, materials accordance with the herein named standa Control Program which extends to each place as being suitable for the knowing that it is of the same force and effective and the same force and t	in this form is true and to the best of of construction, pressure rds. I further dectare that the int where fabrication occurs in whole it purpose and I make this solemn ect as if made under oath. SPACE FOR THE
sponsibility for the quy knowledge represeing represeing annufacture of these film part and has been claration consciention gnature of Declarer: eclared before me at	ality of the end product do sole into the product for which regist in identification markings are in things is regulated by a Quality verified by BSI usly halicasing it to be true, and 2/10, Unable to get a of seal due to COV	emply declare that the information contained ration is sought. The dimensions, materials a accordance with the herein named standard Control Program which extends to each place as being suitable for the knowing that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that is of the same force and ef	s of construction, pressure reds. I further declare that the ant where fabrication occurs in whole at purpose and I make this solemn ect as if made under oath. SPACE FOR THE CIAL SEAL
oel Feldman, Vice Preside sponsibility for the query knowledge represent perature ratings, an anufacture of these fining part and has been claration consciention gnature of Declarer: eclared before me at its	cality of the end product do sole into the product for which regist did identification markings are in titings is regulated by a Quality verified by BSI paty helicating it to be true, and 2/10, Unable to get a constant of seal due to COV. (Affix Official seal to the rigital This registration must be revalued.)	emply declare that the information contained ration is sought. The dimensions, materials accordance with the herein named standa Control Program which extends to each place as being suitable for the knowing that it is of the same force and effective that it is not an extended to the same force and effective that it is not an extended to the same force and effective that it is not any signature of	s of construction, pressure of of construction, pressure rds. I further declare that the ant where fabrication occurs in whole it purpose and I make this solemn ect as if made under oath. SPACE FOR THE CIAL SEAL
oel Feldman, Vice Preside sponsibility for the query knowledge represent perature ratings, an anufacture of these fining part and has been claration consciention gnature of Declarer: eclared before me at its	cality of the end product do sole into the product for which regist did identification markings are in titings is regulated by a Quality verified by BSI paty helicating it to be true, and 2/10, Unable to get a constant of seal due to COV. (Affix Official seal to the rigital This registration must be revalued.)	emply declare that the information contained ration is sought. The dimensions, materials a accordance with the herein named standard Control Program which extends to each place as being suitable for the knowing that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that is of the same force and ef	s of construction, pressure rds. I further declare that the ant where fabrication occurs in whole at purpose and I make this solemn ect as if made under oath. SPACE FOR THE CIAL SEAL acceptance Newfound[and]
sel Feldman, Vice Preside sponsibility for the query knowledge represent perature ratings, an anufacture of these fit in part and has been claration consciention anature of Declarer: clared before me at its	ality of the end product do sole into the product for which regist in identification markings are in things is regulated by a Quality verified by BSI usly halicasing it to be true, and 2/10, Unable to get a of seal due to COV	emply declare that the information contained ration is sought. The dimensions, materials a accordance with the herein named standard Control Program which extends to each place as being suitable for the knowing that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that it is of the same force and effect that is of the same force and ef	s of construction, pressure of of construction, pressure rds. I further declare that the ant where fabrication occurs in whole it purpose and I make this solemn ect as if made under oath. SPACE FOR THE CIAL SEAL

Notes:

Notes:

1. All fittings shall be registered in the name of the Manufacturer.

2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.

3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.

4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.

Registered OD20616.50 LD.

Engineering and Inspection Services
Registered by
UNDER THE AUTHORITY OF THE PUBLIC SAFETY AUTHANO
THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS



Revised January 15, 2021 Page 1 of 9

0D20616.5ADD1

Attachment B: Scope of Registration for Swagelok FJ Series Hose Assemblies (Category D)

Product Scope

The table below represents the scope of Swagelok FJ series hose assemblies covered by this submission for CRN approval. These hose assemblies are assembled by Hose Master LLC and at the Swagelok Company locations in Solon, Ohio and have been evaluated in accordance with ASME B31.3 and ISO 10380. The referenced product catalog(s) do not represent the full scope of the submission but rather detail some of the most common options.

Summary Table

Technical Standards and Safety Authority

Product Series	Pressure Retaining	Port Connections	Port Connection	Maximum Work	ng Pressuré es Program	Sels Safety Design Code	
and Size (in)		T of Commoditions	Sizes	At Min Temp (-325°F to 100°F)	At Max Temp (800°F)	Construction	
			Swagelok Tube Fitting [TA TM SL SM]	1/8" - 1/2" 3mm - 12mm	1600	1184	
		Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	1/8" - 1/2"	1600	1184		
	<u>Core</u> 316/316L SS (ASTM A240)	Male High Flow VCR Metal Gasket Face seal Fitting [HRM]	1/4"	1600	1184		
	<u>Braid</u> 304 SS or 316L SS (ASTM A478) <u>Weld Collar</u>	304 SS or	Female and Male VCO O-ring Face seal Fitting [VF VM]	1/8" - 1/2"	1600 (1)	1328 @550°F (1)	
FJ Series Metal Hose-		Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	1/8" - 1/2"	1600	1184	ASME B31.3	
1/4"	304/304L SS (ASTM A269) or 316/316L SS	Female and male NPT Tapered Pipe Fitting [PM PF]	1/8" - 1/2"	1600 (2)	1424 @450°F (2)	ISO 10380	
	(ASTM A269) <u>End</u>	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1/8" - 1/2"	1600 (2)	1424 @450°F (2)		
	Connections 316/316L SS (ASTM A479)	Tube Butt Welds [TB MTB]	1/8" - 1/2" 6mm - 12mm	1600	1184		
		Female ISO/BSP Parallel Threads (ISO 228) [FS]	1/4" - 1/2"	1600	1472 @400°F (1)		
			Male UN/UNF (SAE J1926) Stud End [ST]	1/8" - 1/2"	1600 (1)	1472 @400°F (1)	

⁽¹⁾ Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.

⁽²⁾ Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.



Revised January 15, 2021 Page 2 of 9

Product Series	Pressure Retaining	Port Connections	Port Connection	Maximum Worki (psig	_	Design Code of Construction
and Size (in)	oize Materiai		Sizes	At Min Temp (-325°F to 100°F)	At Max Temp (800°F)	
		Swagelok Tube Fitting [TA TM SL SM]	1/4" - 3/4" 6mm - 18mm	1470	1088	
	<u>Core</u>	Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	1/4" - 3/4"	1470	1088	
	316/316L SS (ASTM A240) Braid	Female and Male VCO O-ring Face seal Fitting [VF VM]	1/4" - 3/4"	1470 (1)	1220 @550°F (1)	
FJ Series	304 SS or 316L SS (ASTM A478) Weld Collar 304/304L SS (ASTM A269)	Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	1/4" - 3/4"	1470	1088	
Metal Hose-		Female and male NPT Tapered Pipe Fitting [PM PF]	1/4" - 3/4"	1470 (2)	1308 @450°F (2)	ASME B31.3 ISO 10380
3/8"	or 316/316L SS (ASTM A269)	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1/4" - 3/4"	1470 (2)	1308 @450°F (2)	
	End Connections 316/316L SS (ASTM A479)	Tube Butt Welds [TB MTB]	1/4" - 3/4" 6mm - 18mm	1470	1088	
		Female ISO/BSP Parallel Threads (ISO 228) [FS]	1/4" - 1/2"	1470	1352 @400°F (1)	
		Male UN/UNF (SAE J1926) Stud End [ST]	1/4" - 3/4"	1470 (1)	1352 @400°F (1)	

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN 0D20616.5ADD1



Revised January 15, 2021 Page 3 of 9

Product Series	Pressure Retaining	Port		Port Connections	Maximum Worki (psig	_	Design Code of
and Size (in)	Material (Standard)		Sizes	At Min Temp (-325°F to 100°F)	At Max Temp (800°F)		
		Swagelok Tube Fitting [TA TM SL SM]	3/8" - 1" 10mm - 25mm	1110	821		
	Core 316/316L SS	Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	3/8" - 1"	1110	821		
	(ASTM A240) Braid 304 SS or	Female and Male VCO O-ring Face seal Fitting [VF VM]	3/8" - 1"	1110 (1)	921 @550°F (1)		
FJ Series	316L SS (ASTM A478)	Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	3/8" - 1"	1110	821		
Metal Hose-	Weld Collar 304/304L SS	Female and male NPT Tapered Pipe Fitting [PM PF]	3/8" - 1"	1110 (2)	988 @450°F (2)	ASME B31.3 ISO 10380	
1/2"	1/2" (ASTM A269) or 316/316L SS (ASTM A269)	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	3/8" - 1"	1110 (2)	988 @450°F (2)		
<u>Cor</u> 316,	End Connections	Tube Butt Welds [TB MTB]	3/8" - 1" 10mm - 25mm	1110	821		
	316/316L SS (ASTM A479)	Female ISO/BSP Parallel Threads (ISO 228) [FS]	3/8"-1/2"	1110	1021 @400°F (1)		
		Male UN/UNF (SAE J1926) Stud End [ST]	3/8" - 1"	1110 (1)	1021 @400°F (1)		

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN 0D20616.5ADD1



Revised January 15, 2021 Page 4 of 9

Product Series	Pressure Retaining	Port Connections	Port Connection	Maximum Worki (psig	•	Design Code of
and Size (in)	Material (Standard)		Sizes (At Min Temp (-325°F to 100°F)	At Max Temp (800°F)	
		Swagelok Tube Fitting [TA TM SL SM]	1/2" - 1 1/4" 12mm - 32mm	860	636	
	<u>Core</u> 316/316L SS	Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	1/2" - 1"	860	636	
	(ASTM A240) Braid	Female and Male VCO O-ring Face seal Fitting [VF VM]	1/2" - 1"	860 (1)	714 @550°F (1)	
FJ Series	304 SS or 316L SS (ASTM A478)	Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	1/2" - 1"	860	636	
Metal Hose-	Weld Collar 304/304L SS	Female and male NPT Tapered Pipe Fitting [PM PF]	1/2" - 1 1/4"	860 (2)	765 @450°F (2)	ASME B31.3 ISO 10380
(ASTM A26 End Connection 316/316L S	or 316/316L SS	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1/2" - 1 1/4"	860 (2)	765 @450°F (2)	
	,	Tube Butt Welds [TB MTB]	1/2" - 1" 12mm - 25mm	860	636	
		Female ISO/BSP Parallel Threads (ISO 228) [FS]	1/2"	860	791 @400°F (1)	
		Male UN/UNF (SAE J1926) Stud End [ST]	1/2" - 1 1/4"	860 (1)	791 @400°F (1)	

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN

0D20616.5ADD1



Revised January 15, 2021 Page 5 of 9

Product Series	Pressure Retaining	Port Connections	Port Connection	Maximum Work (psig	_	Design Code of
and Size (in)	Material (Standard)			At Min Temp (- 325°F to 100°F)	At Max Temp (800°F)	Construction
	Core	Swagelok Tube Fitting [TA TM SL SM]	3/4" - 1 1/2" 18mm - 38mm	680	503	
	316/316L SS (ASTM A240)	Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	3/4" - 1"	680	503	
	Braid 304 SS or 316L SS (ASTM A478) Weld Collar	Female and Male VCO O-ring Face seal Fitting [VF VM]	3/4" - 1"	680 (1)	564 @550°F (1)	
FJ Series Metal		Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	3/4" - 1"	680	503	ASME B31.3
Hose-	304/304L SS (ASTM A269) or	Female and male NPT Tapered Pipe Fitting [PM PF]	3/4" - 1 1/2"	680 (2)	605 @450°F (2)	ISO 10380
	316/316L SS (ASTM A269) End Connections 316/316L SS (ASTM A479)	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	3/4" - 1 1/2"	680 (2)	605 @450°F (2)	
		Tube Butt Welds [TB MTB]	3/4" - 1" 18mm - 25mm	680	503	
		Male UN/UNF (SAE J1926) Stud End [ST]	3/4" - 1 1/2"	680 (1)	626 @400°F (1)	

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN

0D20616.5ADD1



Revised January 15, 2021 Page 6 of 9

Product Series		Retaining Port Connections	Port Connection	Maximum Working Pressure (psig)		Design Code of
			Sizes	At Min Temp (-325°F to 100°F)	At Max Temp (800°F)	Construction
		Swagelok Tube Fitting [TA TM SL SM]	1" - 2" 25mm - 50mm	680	503	
	<u>Core</u> 316/316L SS (ASTM A240) <u>Braid</u> 304 SS or	Female and Male VCR Metal Gasket Face seal Fitting [RF RM]	1"	680	503	
		Female and Male VCO O-ring Face seal Fitting [VF VM]	1"	680 (1)	564 @550°F (1)	
FJ Series Metal	316L SS (ASTM A478) Weld Collar	Female 37° JIC and male 37° JIC with female swivel nut [AN AS]	1"	680	503	ASME B31.3
Hose-	304/304L SS (ASTM A269) or 316/316L SS (ASTM A269) End Connections 316/316L SS (ASTM A479)	Female and male NPT Tapered Pipe Fitting [PM PF]	1" - 2"	680 (2)	605 @450°F (2)	ISO 10380
		Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1" - 2"	680 (2)	605 @450°F (2)	
		Tube Butt Welds [TB MTB]	1" 25mm	680	503	
		Male UN/UNF (SAE J1926) Stud End [ST]	1" - 2"	680 (1)	626 @400°F (1)	

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN

0D20616.5ADD1



Revised January 15, 2021 Page 7 of 9

Product Series	Retaining Port Connections Connect	Port Connection	Maximum Worki (psig	_	Design Code of	
and Size (in)	Material (Standard)		Sizes	At Min Temp (-325°F to 100°F)	At Max Temp (800°F)	Construction
		Swagelok Tube Fitting [TA TM SL SM]	1 1/4" - 2" 32mm - 50mm	520	385	
FJ Series	<u>Core</u> 316/316L SS	Female and male NPT Tapered Pipe Fitting [PM PF]	1 1/4" – 2"	520 (2)	463 @450°F (2)	
Metal Hose- 1 1/2"	316/316L SS (ASTM A240) Braid 304 SS or 316L SS (ASTM A478) Weld Collar	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1 1/4" – 2"	520 (2)	463 @450°F (2)	
		Male UN/UNF (SAE J1926) Stud End [ST]	1 1/4" – 2"	520 (1)	478 @400°F (1)	ASME B31.3
	304/304L SS (ASTM A269) or	Swagelok Tube Fitting [TA TM SL SM]	1 1/2" - 2" 38mm - 50mm	450	333	ISO 10380
FJ Series	316/316L SS (ASTM A269)	Female and male NPT Tapered Pipe Fitting [PM PF]	1 1/2" - 2"	450 (2)	401 @450°F (2)	
Metal Hose-	End Connections 316/316L SS (ASTM A479)	Female and male ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT]	1 1/2" - 2"	450 (2)	401 @450°F (2)	
		Male UN/UNF (SAE J1926) Stud End [ST]	1 1/2" - 2"	450 (1)	414 @400°F (1)	

- (1) Temperature and/or pressure ratings are determined by gasket or O-ring materials. Refer to Swagelok catalog MS-01-147 for ratings.
- (2) Temperature and/or pressure ratings are determined by pipe thread sealant type. Refer to Swagelok catalog MS-01-91 for ratings.

THIS IS PART OF CRN

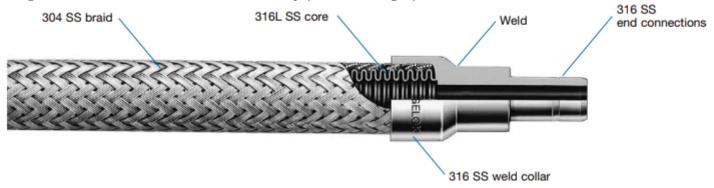
0D20616.5ADD1



Revised January 15, 2021 Page 8 of 9

Product Illustration

Swagelok FJ Series Manual Weld Assembly (1/4" and larger)



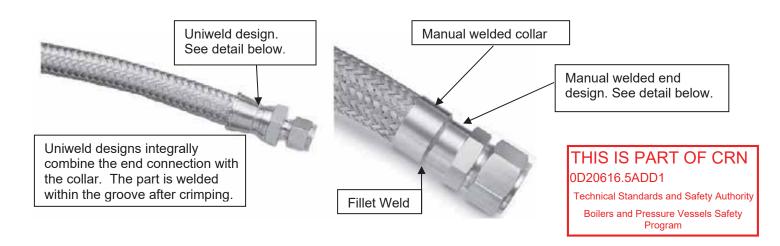
Swagelok FJ Series Automatic Weld Assembly (1/2" and under)



Configuration Example:

FJ hoses are available in two styles with many end types, end sizes, and possible overall lengths. There are two ways the hose end connections are attached to the tube and braid depending on the size of the hose:

- Gas Tungsten Arc Weld (GTAW) Uniweld with Integral Weld Collar (1/2" and under)
- Manual Weld with Manual Weld Collar (1/4" and larger)





Revised January 15, 2021 Page 9 of 9

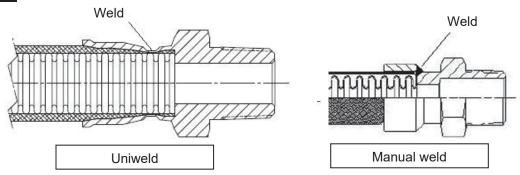
0D20616.5ADD1

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

Program

Weld Detail:



Product Options:

Additional options that do not affect pressure and/or temperature ratings may be made available within the scope of this approval. Examples of these would include the following:

THIS IS PART OF CRN

Braid Options

• 316L SS

Cover Options

- Armor guard Interlocking, flexible 302 stainless steel.
- Fire jacket Woven fiberglass coated with specially compounded aerospace-grade silicone rubber.
- Thermosleeve Braided fiberglass with saturated synthetic material coating.

Tag and Marking Options

- Mat tag Polyester tag with customer-specified text
- Lanyard tag Stainless steel tag with customer-specified text
- Clamp tag Stainless steel tag with customer-specified text

Additional options that may affect pressure and/or temperature ratings may be made available within the scope of this approval. Examples of these would include the following:

End Connection Seals or Sealant Options

- VCO O-rings
- VCR Gasket
- · Pipe Thread ends thread sealant

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The Swagelok FJ series hose assemblies are manufactured at Hose Master LLC and at the Swagelok Company locations in Solon, Ohio.

References

The below product catalog does not represent the full scope of the registration but rather details some of the most common options.

Hose Assemblies, Bulk Hose, and End Connections Product Catalog MS-01-180

Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

		THIS IS PART OF 0D20616.5ADD1	CRN
Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA	Technical Standards and Safet Boilers and Pressure Vessels Program	1
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA		
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA		
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Snow Me 6060 Cochran Road Solon, Ohio 44139 USA	tal)	
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139		
Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139	Swagelok Company (Strongsvi 15400 Foltz Road Strongsville, Ohio 44119	ille)	
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man		