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Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

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STATUTORY DE Registration o		
Joel Feldman, Vice President of Engineering		
(Name and Position, e.g. President, Plant M	fanager, Chief Engineer)	
of Swagelok Company		
(Name of Manufacture	or)	
Located at 29500 Solon Road, Solon, Ohio 44139 USA	(440) 248-4600	(440) 349-5970
(Plant Address)	(Telephone No.)	(Fax No.)
do solemnly declare that the fittings listed hereunder, which are sub and Pressure Vessels Regulation, comply with all of the requirem ASME B31.1 for unlisted components, and ASME B31.3 for unlist	ents of	Is and Safety Act, Boilers
(Title of recognized North America		
which specifies the dimensions, materials of construction, pressure/lemp	erature ratings, identification markin	ig the fittings and service;
or are not covered by the provisions of a recognized North America as supported by the attached pressure/temperature ratings and the basis for such ratings, the man	data which identifies the dimension	ns, material of construction,
I further declare that the manufacture of these fittings is controlled by a qual which has been verified by the following authority, BSI	lity system meeting the requirem	ents of _ISO 9001:2015
The items covered by this declaration, for which I seek registration, are category	A. Fittings	type fittings. In support of
this application, the following information and/or test data are attached as follows: ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Inform		
(drawings, calculations, test re	ports, etc.)	1)
commissioner for Oaths: Brenda Hampel (Printed name)	ful C.Fa	
(Signature)	(Signature of I	Deciarer)
To the best of my knowledge and belief, the application meets the requirement Technical Standards and Safety Act, Boilers and Pressure Vessels Regulat CSA Standard B51 and is accepted for registration in Category CRN: Registered by:	ts of inStandards	
Dated: June 10, 2019 NOTE: This registration expires on: June 10, 202	Signed: June	10,2015
NOTE: This registration expires on: 000010,202 PV 09553 (06/16) For Scope of registration		
PV 09553 (06/16) For Scope of registe documents: A	Hachweut A	and BA

Attachment B. Scope of Registration for Swagelok 2507 Super Duplex, (ASTM A479), Tube Fittings (Category A)

This document represents the scope of Swagelok 2507 Super Duplex Tube Fittings covered by this submission for CRN approval. These Swagelok Tube Fittings have been evaluated in accordance with ASME B31.3 for unlisted components and ASME B31.1 for unlisted components.

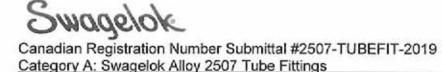
Summary Table

Product Description Material or Series		Port Connections and Sizes		Maximum Allowable Working Pressure		Design Code
				Up to 100°F	At maximum temperature	Construction
		Swagelok End Connection 1/4, 3/8, 1/2, 5/8, 3/4 inches		See Table below	See Table on Page 1	
Gaugeable Tube 2507 Fittings and Adapter Fittings Alloy 2507 (ASTM A479)	NPT Male 1/16 - 1	ASME B31.3	15,000 - 10,000 psig	12,150 - 8100 psig @ 482°F (250°C)	ASME B31.3 (Unlisted Components) ASME B31.1 (Unlisted Components)	
	inch	ASME B31.1	15,000 - 8900 psig	12,150 - 7209 psig @ 482°F (250°C)		
	AUDIT	ASME B31.3	13,000 - 8600 psig	11,530 – 6966 psig @ 482°F (250°C)		
	1/16 - 1 inch	ASME B31.1	11,000 - 7300 psig	8910 – 5913 psig @ 482°F (250°C)		
	UN / UNF(S (ST 1/8 - 3/4)	4500 - 3600 psig	4500 - 3600 psig @ 400°F (204°C) With FKM O-ring	A 21486.	

2507 Swagelok Tube Fitting Pressure Rating Table

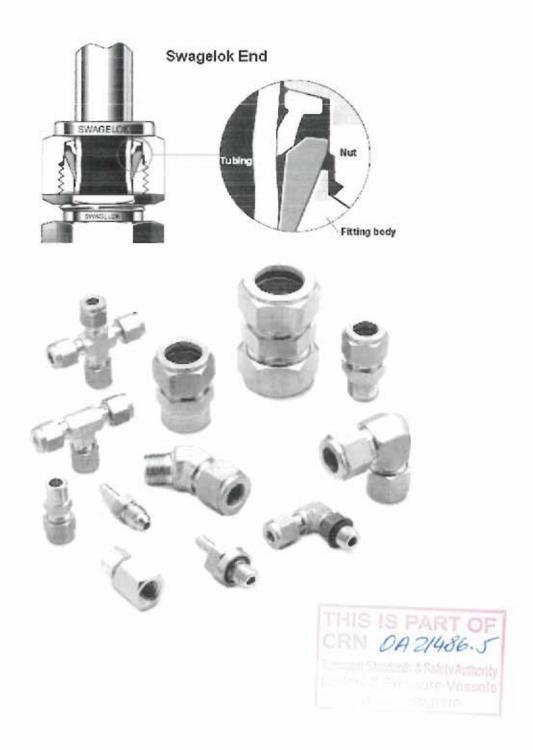
Swagelok End Connection Size	Maximum Allowable Working Pressure (1)					
	B31.3 ratings up to 100°F	B31.1 ratings up to 100°F	B31.3 ratings @ maximum temperature 482°F (250°C)	B31.1 ratings @ maximum temperature 482°F (250°C)		
1/4	15,000 psig	12,900 psig	12,150 psig	10,449 psig		
3/8	12,700 psig	10,922 psig	10,287 psig	8847 psig		
1/2	12,900 psig	11,094 psig	10,449 psig	8986 psig		
5/8	10,100 psig	8686 psig	8181 psig	7036 psig		
3/4	9380 psig	8067 psig	7598 psig	7023 psig		

Note (1): Values based on thickest wall alloy 2507 tubing per Swagelok Tubing Data Sheet MS-01-107. Thinner tubing may be used but in all cases the ratings are less than, or equal to, those shown in the table.



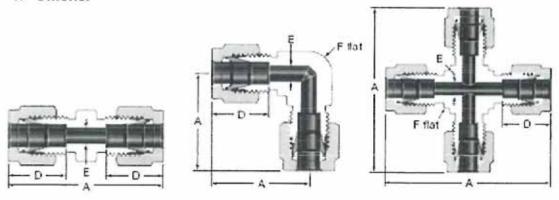
Product Description

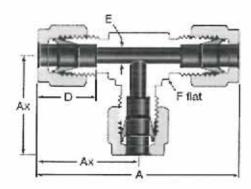
Swagelok Fittings are furnished in a variety of configurations and shapes (straight, elbow, tee or cross). Swagelok Fittings consist of at least one Swagelok End – a proprietary two-ferrule mechanical-grip design. The "Configurations" section covers a variety of other end connections.



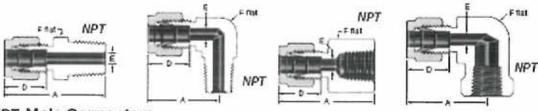
Configurations

1. Unions.



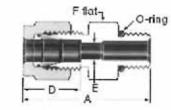


2. Male and Female connectors / adapters.



NPT Male Connectors

Female Connectors



SAE/MS Straight Thread Stud (ST)



Product Options:

Some of the product options listed below affect the pressure-temperature ratings in the "Scope of Registration" section above, but in all cases the PRESSURE ratings are the same or less than those shown in the table.

- 1. Tapered pipe threads (NPT) with sealant
 - a. Curable resin with PTFE
 - b. PTFE tape
- 2. Bored through fittings

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:

- 1. Special marking
- 2. Special cleaning
- 3. Wire drills
- 4. bulkhead configurations
- 5. Snubbers/frits and orifice plates

All of the above options, those that affect pressure and/or temperature ratings and those that do not, are within the scope of this approval.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

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

- Gaugeable SAF 2507 Super Duplex Tube Fittings MS-01-174
- Swagelok Tubing Data Sheet MS-01-107, Rev Q



Attachment A. Swagelok Manufacturing Locations

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

Swagelok Company	Swagelok Company (Falon 1)	
29500 Solon Road	348 Bishop Road	
Solon, Ohio 44139	Highland Heights, Ohio 44143	
USA	USA	
Swagelok Company (Highland)	Swagelok Company (Falon 2)	
318 Bishop Road	358 Bishop Road	
Highland Heights, Ohio 44143	Highland Heights, Ohio 44143	
USA	USA	
Swagelok Company (OFC)	Swagelok Company (HPF)	
29495 F.A. Lennon Drive	6050 Cochran Road	
Solon, Ohio 44139	Solon, Ohio 44139	
USA	USA	
Swagelok Company (Atlantic)	Swagelok Company (Snow Metal)	
26651 Curtiss Wright Parkway	6060 Cochran Road	
Willoughby Hills, Ohio 44092	Solon, Ohio 44139	
USA	USA	
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)	Swagelok Company (Strongsville)	
29900 Solon Industrial Parkway	15400 Foltz Road	
Solon, Ohio 44139	Strongsville, Ohio 44119	
Swagelok (China) Fluid System Technologies Ltd.	Swagelok Company A.G. (European Technology	
Changshu Export Process Zone	Center)	
Changshu Economic Development Zone	St. GallerstraBe 84	
Changshu, Jiangshu	Lachen, Switzerland 8853	
215513 China	Switzerland	
Swagelok Limited Tromode IM4 4RA Isle of Man	THIS IS PART OF	

Technical Standards & Safety Authority Bollers & Pressure Vessels Safety Program