



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

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

Swagelok

STATUTORY DECLARATION Registration of Fittings

I, David H. Peace, Vice President of Engineering
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Swagelok Company
(Name of Manufacturer)

Located at 29500 Solon Road, Solon, Ohio 44139 USA (Plant Address) (440) 248-4600 (Telephone No.) (440) 349-5970 (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3 Chapter IX, for unlisted components where applicable
(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, BSI.

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, Catalog Information, Support Documents, Attachment B, Attachment A
(drawings, calculations, test reports, etc.)

Declared before me at Solon in the State of Ohio
 the 12th day of January AD 2007.

Commissioner for Oaths:

Jamie L Ristau
(Printed name)
Jamie L Ristau
(Signature)

Jamie L Ristau
 Resident Portage County
 Notary Public, State of Ohio
 My Commission Expires: 03/06/2019

[Signature]
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category A.

CRN: 0A19311.5
 Registered by: [Signature]
 Dated: April 11, 2017

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A19311.5
 Signed: [Signature]
 Date: April 11, 2017

NOTE: This registration expires on: Apr. 11, 2027

Attachment B: Scope of Registration for Alloy 625 Tube Fittings (Category A)

Product Scope

The table below presents the scope of alloy 625 Swagelok Tube Fittings covered by this submission for CRN approval, which complies with the requirements of ASME B31.3, Part 304.7.2 as an unlisted component.

Summary Tables

Product Description or Series	Material	Port Connections and Sizes	Maximum Allowable Working Pressure		Design Code of Construction
			Up to 100°F	At maximum temperature	
Gaugeable Tube Fittings and Adapter Fittings	Alloy 625 ASTM B446 ASTM B564 (for shaped bodies with 1/2" end connections)	Swagelok End Connections 1/4, 3/8, 1/2 inch	See Table below	See Table below	ASME B31.3 (Unlisted Components)
		NPT Male 1/4, 3/8, 1/2 inch	Pressure rating limited by tube fitting. See Table below		
		NPT Female 1/4, 3/8, 1/2 inch	Pressure rating limited by tube fitting. See Table below		

Alloy 625 Swagelok Tube Fitting Pressure Rating Table

Swagelok End Connection Size, inch	Maximum Allowable Working Pressure (Note 1)		
	Tube Wall Thickness, inch	Up to 100°F	Maximum temperature 1000°F (537°C) (Note 2)
1/4	0.049 inch	10 700 psig	7 811 psig
3/8	0.065 inch	9 400 psig	6 862 psig
1/2	0.065 inch	6 800 psig	4 964 psig

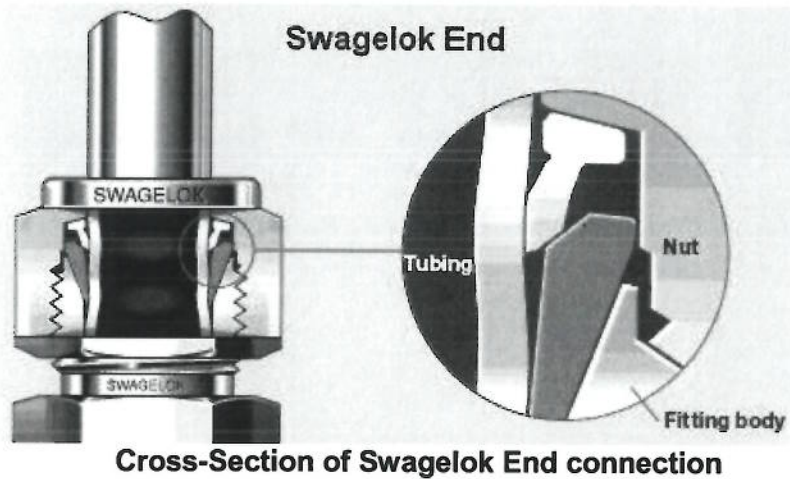
Note 1: Maximum Allowable Working Pressure Values based on noted tube wall thickness. Thinner tubing may be used but in all cases the ratings are less than, or equal to, those shown in the table.

Note 2: Maximum Temperature ratings based on an Elevated Temperature Factor of 0.73, from ASME Code BPV Section II, Part D, Table 1B.



Product Description And Ratings

Swagelok Tube Fittings are furnished as straight or shaped fittings. Swagelok Tube Fittings consist of at least one Swagelok End – a proprietary two-ferrule mechanical-grip design.



Quality System

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

References

The product catalogs do not represent the full scope of registration, but rather details some of the most common options.

- Gaugeable Tube Fittings and Adapter Fittings MS-01-140
- Tubing Data Sheet MS-01-107

