



# Statutory Declaration Registration of Fittings

## (a) Design Qualification

I<sup>1</sup> Joel Feldman  
Vice President, Engineering  
*(Position eg, president, plant manager, chief eng.)*

Of Swagelok Company  
*(name of company)*

Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)  
*(plant address)*

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:

Or  
 are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ARPM Hose Handbook  
code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

## (b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are Category D. Hose

In support of the application, the following information, calculations and/or test data are attached:  
ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

Declared before me at \_\_\_\_\_

In the of \_\_\_\_\_ of \_\_\_\_\_

The **Unable to get a notary signature or seal due to COVID-19 situation** Day of \_\_\_\_\_ AD 20\_\_\_\_

*A (commissioner for oaths)*

DocuSigned by:  
  
10/27/2020 | 7:50 AM EDT  
C87CBBFFD3E14B7  
*Signature of Declarer<sup>3</sup>*

For Official Use Only

The application is accepted for registration in Category \_\_\_\_\_ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN \_\_\_\_\_ For the Chief Inspector \_\_\_\_\_  
Date \_\_\_\_\_

Régie du bâtiment Québec  
 01/13/2021  
 Accord de conciliation NEC


- 1 *Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bureaux illustrating above fittings shall be submitted.*
- 2 *All fittings are required to be registered in the name of the Manufacturer.*
- 3 *This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.*



**Attachment B: Scope of Registration for Crimped and Swaged Swagelok T-Series PTFE Hose Assemblies (Category D)**

This document represents the scope of the Swagelok PTFE (TH and TC) hose and crimped/swaged assemblies covered by this submission for CRN approval. These products have been evaluated in accordance with the Association for Rubber Products Manufacturers (ARPM) Hose Handbook.

**Summary Table**

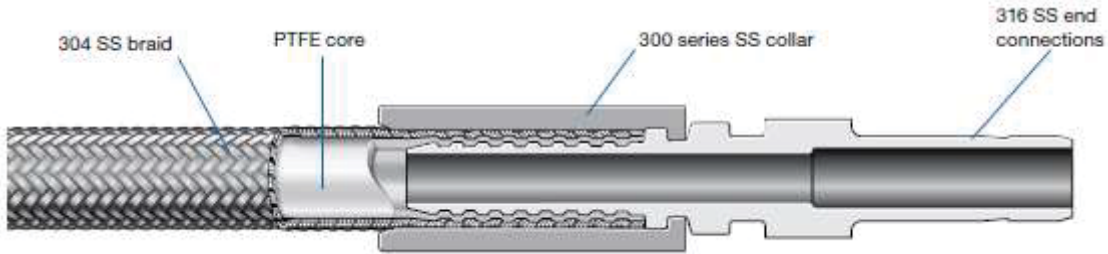
TH and TC Series Hose Size	Maximum Pressure (psig)			Pressure Retaining Material	End Connections and Sizes	Design Code of Construction
	At Minimum Temp. (-65°F)	At 65 to 100°F	At Maximum Temp. (450°F)			
1/4"	2250	3000	2250	<b>Core</b> Smooth Bore Virgin PTFE [TH]	Swagelok Tube Fitting [SL SM TA TM] 1/8" – 1" (6-25mm)	 <p>Régie du bâtiment Québec</p> <p>01/13/2021</p> <p>Accord de conciliation NEC</p> <p>Association for Rubber Products Manufacturers (ARPM) Hose Handbook</p>
3/8"	2250	2500	1875	OR Smooth Bore Carbon-Lined PTFE [TC]	Male and Female NPT Tapered Pipe Fitting [PM PF] 1/4" – 1"	
1/2"	2000	2000	1500	<b>Braid</b> 304 SS Braid Reinforcement	Male 37° JIC and Female 37° JIC with female swivel nut [AN AS] 1/4" – 1/2"	
3/4"	1500	1500	1125	<b>End Connections</b> 316 SS	Male and Female ISO/BSP Tapered (ISO 7) Pipe Threads [MT FT] 1/8" – 1"	
1"	1000	1000	750	<b>Swage Collar</b> 304 SS <b>Crimp on Collar</b> 316 SS	Male and Female VCR Metal Gasket Face Seal Fitting [VF VM] 1/4" – 1"	

**Product Description**

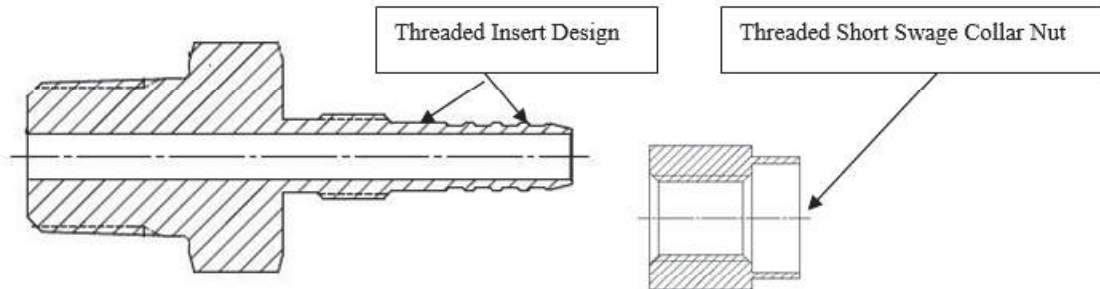
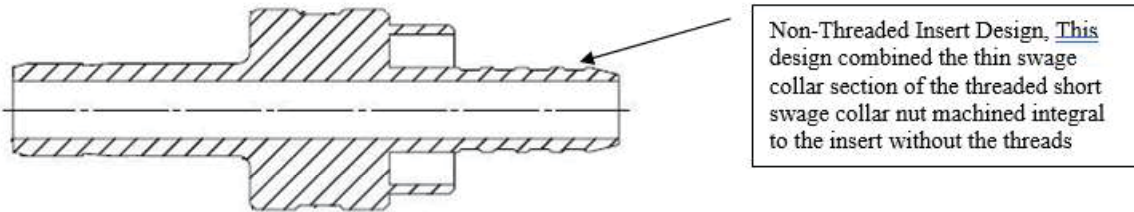
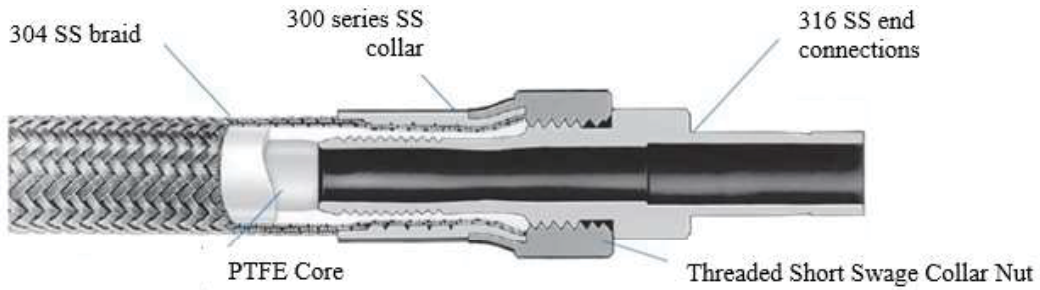
Swagelok's TH series hose is virgin PTFE-lined, 304 Stainless Steel braided hose. The TC series hose is carbon black filled PTFE-lined, 304 stainless steel braided hose. All TH and TC series hoses undergo production testing in accordance with ASTM D380 "Test Methods for Rubber Hose" (version current to hose production date).

## Configurations

Crimped assembly method:



Swaged assembly method – There are two ways the hose end connections are supplied: Threaded end connection insert or non-threaded end connection insert:





**Product Options:**

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

- Polyolefin Cover over Spring-guard
- PVC tubing cover
- Silicone covered Fiber Glass Fire Jacket cover with SS clamps
- Spring guard under Silicone covered Fiber Glass Fire Jacket cover with SS clamps
- SS Tag, TFE Coated SS Lanyard, Aluminum Retaining clamp
- Stainless Steel Tag with TFE coated lanyard
- SS Tag, TFE Coated SS Lanyard, Aluminum Retaining clamp, and possibly pre-swaged
- Customer requested information listed on hose end connection non-critical surfaces
- Applicable material trace numbers marked on end connections.
- Pipe Threaded ends
- O-rings for VCO ends
- Proof Pressure Testing

**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.

**References**

The 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.

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA
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 Metal) 6060 Cochran Road Solon, Ohio 44139 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) 29900 Solon Industrial Parkway Solon, Ohio 44139	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119
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

