

**Statutory Declaration (Registration of Fittings)**

TSK-1008

**I. Declaration Information**

I, Joel Feldman  
Vice President, Engineering  
(company title, e.g. vice president, plant manager, chief engineer)  
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Swagelok Company  
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at: Headquarters: 29500 Solon Road Solon, Ohio 44139 USA  
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of \_\_\_\_\_ which specifies the dimensions,  
(title of recognized North American Standard)  
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Assoc. for Rubber Products Manufacturers (ARPM) Hose Handbook as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category D. Hose

In support of this 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

**II. Declaration**

DECLARED before me at \_\_\_\_\_ In the \_\_\_\_\_ of \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_

**Unable to get a notary signature or seal due to COVID-19 situation - September 17, 2020**

Joel C. Feldman  
(Signature)

(Signature of Commissioner of Oaths)

**III. Office Use Only**

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category \_\_\_\_\_



Registration No. OD22748.53  
File No. 11769  
Registered  
Date: November 16, 2020  
Expiry Date: October 16, 2030  
Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)  
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

\*\*\*As Noted\*\*\*

## Attachment B: Scope of Registration for Crimped Swagelok X Series PTFE Hose Assemblies (Category D)

This document represents the scope of the Swagelok Coreflex XC and XT hose (X Series) and crimped 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

X Series Hose Size	Maximum Pressure (psig)			Pressure Retaining Material	End Connections and Sizes	Design Code of Construction
	At Minimum Temp. (-65°F)	Room temperature (0°-100°F)	At Maximum Temp. (450°F)			
1/4"	3500	3500	3075	<p><b>Core</b> Smooth bore PTFE (XT Series) OR Smooth bore carbon black filled PTFE (XC Series)</p> <p><b>Braid</b> Fiber braid reinforcement AND 304 SS Braid Reinforcement</p> <p><b>End Connections</b> 316 SS</p> <p><b>Crimp on Collar</b> 300 series SS</p>	Swagelok Tube Fitting <b>[SL, SM]</b> 1/8" – 2" (3-50mm)	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
3/8"	3000	3000	1675		Male & Female NPT Tapered Pipe Fitting <b>[PM, PF]</b> 1/8" – 2"  Male & Female ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT, FT]</b> 1/4" – 1"	
1/2"	1800	1800	1665		Male 37° JIC & Female 37° JIC with female swivel nut <b>[AN, AS]</b> 1/4" – 2"	
3/4"	1250	1250	900		Female VCO O-ring Face seal Fitting <b>[VF]</b> 1/8" – 2"  Female VCR Metal Gasket Face seal Fitting <b>[RF]</b> 1/8" – 2"	
1"	1000	1000	895		Male ISO/BSP Parallel Threads W/ 60° Male cone (ISO 228) <b>[MS]</b> 1/4" – 1"  Female ISO/BSP Parallel Threads (ISO 228) <b>[FS]</b> 1/4" – 1"	

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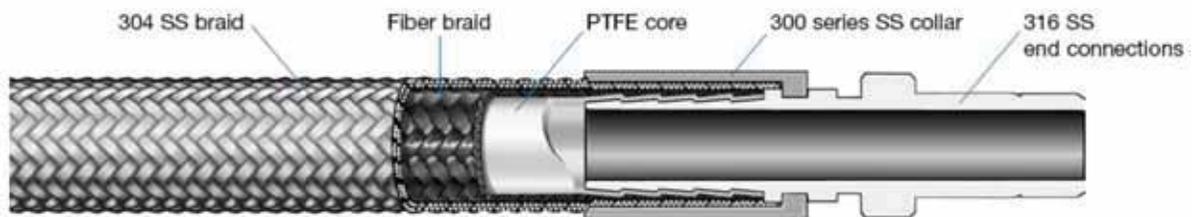
Codes & Standards Compliance Office

### Product Description

XT series is standard Swagelok virgin PTFE-lined hose with a fiber braid reinforcement and 304 stainless steel reinforcement with a silicone cover. The XC series consist of the same construction but has Swagelok carbon black filled virgin PTFE liner. The 1 inch nominal ID hose for both XT and XC series is constructed with two stainless steel braids and no fiber braid. All X Series hoses undergo production testing in accordance with ASTM D380 "Test Methods for Rubber Hose" (version current to hose production date).

## **Configurations**

All end connection inserts are crimped onto the hose using crimp collars.



## **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:

### **Cover Options**

- Armor guard - Interlocking, flexible 302 stainless steel.
- Fire jacket - Woven fiberglass coated with specially compounded aerospace-grade silicone rubber
- Spiral guard - Helical HDPE plastic

### **Tag and Marking Options**

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

### **End Connection Seals or Sealants Options**

- VCO – O-rings
- 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.

## **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

