### UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

Newfoundland and Labrador

lew Brunswick Junavut	Nova Scotia Yukon	Prince Edwar Northwest Te		Newfoundland and Labrador
Manufacturers Nam		······································		
Manufacturers Add	ress: 29500 Salon Road, Solo			
	dquertore: 28500 Solon Road, S			
A) Pipe fittings, including	of Fittings to be reals g couplings, tees, elbows, Y	tered. Circle one Ca 's, plugs, unions, pipe ca	tegory only ps, or reducers	Title of the Standard of Construction
El Flanges: ell flanges C Valves: all line valves	<b>\$</b>			ASME B31.1 for unlisted
	dble connections, and hose		components	
F Measuring devices, in	aretors, and steam traps ncluding pressure gauges, i	ASME B31.3 for unlisted		
transmitters	ed pressure relief devices a	components		
hollare processes was	sels, piping and fusible-plug emponents that do not fell in	to the		
	: Class 1 □ Class 2 □ C			ments)
Show Manufacturer	s Name, Trademark, or	Logo as it will appe	ar on the product	Type of Construction Forged o Welded o Wrought o
<b>A</b>	<b>a a</b>			Cast a Other a
DOME	alak			Describe other:
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Canadian Registration Number Submittal #PFA-TUBE-FITTING-2025 Category A: Swagelok PFA Tube Fittings

# Attachment B. Scope of Registration for Swagelok PFA Tube Fittings (Category A)

Date: March 21, 2025

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This document represents the scope of Swagelok PFA Tube Fittings covered by this submission for CRN approval. These Swagelok PFA Tube Fittings have been evaluated in accordance with ASME B31.1-2024 for unlisted components and ASME B31.3-2024 for unlisted components.

#### **Summary Table**

The following table outlines key technical data for the products in scope of this application. Also included are standards for the materials of construction of PFA Tube Fittings.

e ct	re g ent	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Allowable Working Pressure (See Note 1 & 2)		Design Code
Product Series	Main Pressure Bearing Component			At Ambient Temperature (70°F)	At Maximum Temperature (400°F)	Design Code of Construction
PFA-220	Body	PFA 440-HP (ASTM D3307, Type 1)	PFA Tube Fitting 1/8"	150 psi	27 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-420	Body	PFA 440-HP (ASTM D3307, Type 1)	PFA Tube Fitting 1/4"	150 psi	27 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-620	Body	PFA 440-HP (ASTM D3307, Type 1)	PFA Tube Fitting 3/8"	125 psi	11 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-820	Body	PFA 440-HP (ASTM D3307, Type 1)	PFA Tube Fitting 1/2"	80 psi	6 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

#### Notes:

- (1) The maximum allowable working pressures in the above table are for Swagelok PFA tube fittings used with properly grooved Swagelok PFA tubing.
- (2) The maximum allowable working pressures in the above table are based on the highest pressure attained in hydrostatic burst pressure tests divided by ten. The Technical Standards and Safety Authority (TSSA) requires a 10-to-1 factor of safety for non-metallic components made with a non-automated fabrication process (TSSA Fitting Registration Guidelines January 2023, Appendix "D"). The CRN pressure ratings are set to meet the TSSA requirement and are different than those shown in the current catalog.



Canadian Registration Number Submittal #PFA-TUBE-FITTING-2025 Category A: Swagelok PFA Tube Fittings

#### **Product Description**

Swagelok PFA Tube Fittings are furnished in a variety of configurations and shapes (straight, elbow, or tee). Swagelok PFA Tube Fittings consist of at least one Swagelok Tube Fitting End, which have two-ferrule mechanical-grip design and should be assembled with properly grooved Swagelok PFA tubing. The Swagelok tube fitting end is a proprietary design, and the assembly consists of a body, nut, front and back ferrule.

Date: March 21, 2025

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#### **Product Options**:

The product options listed below do not affect the pressure-temperature ratings shown in the Summary Table and are within the scope of this registration.

Caps and Plugs

#### **Quality System**

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2015. The Swagelok Company maintains British Standards Institution (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.

• PFA Tube Fittings MS-01-05, Rev J (October 2021)

## 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 (HPF) 6050 Cochran Road Solon, Ohio 44139 USA		
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA		
Swagelok Precision Machining Services 1924 East 337th Street Eastlake, OH 44095 USA	Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China		
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119		
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139		
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139		
Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man		
Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Valley City) 5370 Wegman Drive Valley City, Ohio 44280 USA		