



the pressure equipment safety authority

STATUTORY DECLARATION
Registration of Fittings

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

I, David H. Peace, Vice President of Engineering (company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority) of Swagelok Company (name of manufacturer)

located at Headquarters: 29500 Solon Road, Solon, Ohio 44139-3492 (See Attachment A) (plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, 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 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, British Standards Institution as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category A Type Fittings

In support of this application, the following information, calculations and/or test data are attached:

ISO 9001:2008 Certificate, Support Documents, Attachment B, Catalog Information

DECLARED before me at Solon in the State of Ohio of this 01 day of October, 2013 (print) Lori A. Sarver (sign) Lori A. Sarver (A Commissioner for Oaths) Lori A. Sarver, Notary Public State of Ohio, Summit County My Commission Expires April 13, 2015 (Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category A Registration Number: 0A06054.52 Date Registered: SEP 09 2015 (For the Administrator/Chief Inspector of Alberta) Expiry Date: JUL-13-2025

**Attachment B. Scope for Swagelok PFA Tube Fittings
(Category A)**

Product Scope

This document represents the scope of the PFA Tube Fittings covered by this submission for CRN approval. The Swagelok PFA Tube Fittings were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 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 the PFA Fittings.

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Rated Pressure		Design Code of Construction
				Ambient Temperature (70°F)	Maximum Temperature (140°F)	
PFA-220	Body	PFA (ASTM D3307)	PFA Tube Fitting 1/8"	150 psi	150 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-420	Body	PFA (ASTM D3307)	PFA Tube Fitting 1/4"	150 psi	150 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-620	Body	PFA (ASTM D3307)	PFA Tube Fitting 3/8"	125 psi	109 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
PFA-820	Body	PFA (ASTM D3307)	PFA Tube Fitting 1/2"	80 psi	74 psi	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)

ASME B31.1 Section 105.3 limits the product ratings in non-metallic piping systems to a maximum pressure of 150 psi (10.3 bar) and a maximum temperature of 140 °F (60 °C).

ASCA

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

REGISTRATION NO. 0A06054 52

DWG. NO. or CAT. NO. Attachment B

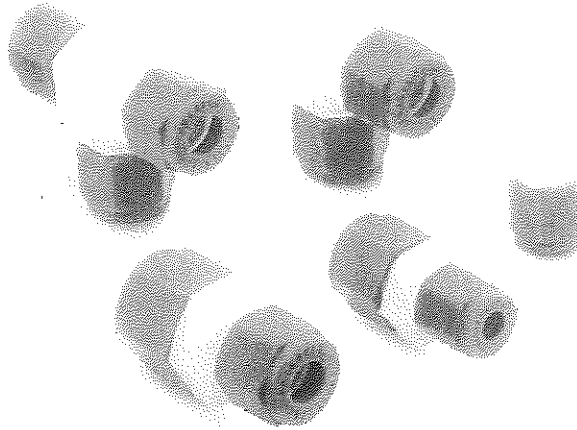
TYPE OF FITTINGS PFA Tube Fittings - Catalog

SEP 09 2015 INITIALS [Signature]

Date _____

BLAZO DEDOVIC
DESIGN SURVEYOR

Product Illustration



Typical Product Characteristics:

Some of the product options listed below do not affect the pressure-temperature ratings shown in the Summary Table. All of the following options 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 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The PFA Tube Fittings are manufactured at Swagelok Company locations in Solon, Ohio and Tromode, Isle of Man, British Isles.

References

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

- PFA Tube Fitting Catalog MS-01-05, R8

SWAGelok.COM