

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, Joel Feldman, Vice President, Engineering of Swagelok Company

located at 29500 Solon Road, Solon, Ohio 44139 USA

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

- comply with the requirements of the ARPM Handbook 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, BSI 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 D. Hose Assemblies Type Fittings

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

DECLARED before me at Solon in the state of Ohio this 14th day of March, 2019

(print) Brenda Hammel (a Commissioner of Oaths or Notary Public)

(sign) Brenda Hammel (a Commissioner of Oaths or Notary Public)

Joel C. Feldman (signature of applicant)

For ABSA Office Use Only:

NOTES:

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

Registration Number: 0D21357-52 (Signature of the Administrator/SCO)

Date Registered: JUN 14 2019 Expiry Date: 2029-05-01

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline.

See acceptance letter



**Attachment B: Scope of Registration for Swagelok PB Series Hose Assemblies (Category D)**

This document represents the scope of Swagelok's PB Series Hose and assemblies covered by this submission for CRN approval. These hose assemblies have been evaluated in accordance with the Association for Rubber Products Manufacturers (ARPM) Handbook.

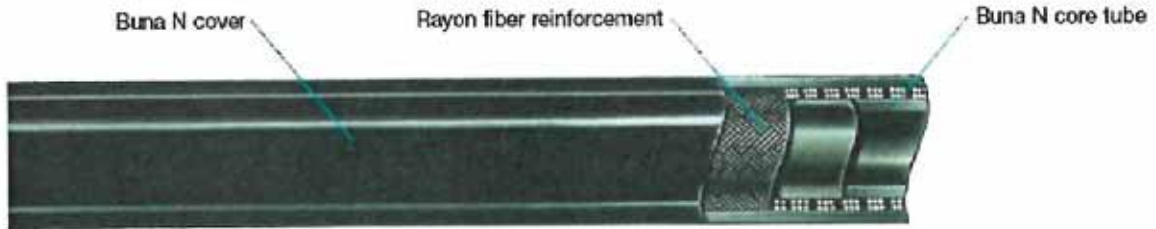
**Summary Table**

Product Series	Pressure Retaining Material	End Connections & Sizes	Nom. Hose Size (in)	Maximum Working Pressure (psig)			Design Code of Construction
				Min. Temp.	@ 70°F	Max. Temp.	
PB Series Hose (Eaton)	<b>Core:</b> Vinyl Nitrile (ARPM Class A)  <b>Braid:</b> 1-Braid Fiber  <b>End Connections:</b> 316 SS (ASTM A479) or C36000 Brass (ASTM B16)	Male ISO/BSP Threads (ISO 7) 1/4"-1" [MT]	1/4"	350 @ -40°F	350	100 @ 200°F	ARPM Handbook
			3/8"	300 @ -40°F	300	80 @ 200°F	
		1/2"	300 @ -40°F				
		3/4"		300 @ -40°F	300	80 @ 200°F	
PB Series Hose (ContiTech)	<b>Core:</b> Buna N  <b>Braid:</b> Rayon Fiber  <b>End Connections:</b> 316 SS (ASTM A479) or C36000 Brass (ASTM B16)	Tube Adapter 1/4"-1" [TA] 6-25MM [TM]	1"				
		Tube Fitting 1/4"-1" [SL]  PB Union Adapter 1/4"-3/4"					

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## Product Illustrations

### ContiTech Hose



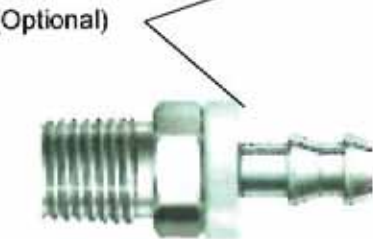
### Eaton Hose



### Configuration Example



PB Union Adapter End Connection



Male ISO/BSP End Connection  
and Male NPT End Connection



Tube Adapter End Connection



Swagelok Tube Fitting End Connection

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### Product Options

Additional options and non-pressure boundary alterations that do not affect pressure ratings may be made available within the scope of this approval. Examples of these would include, but are not limited to:

- Hose Color Options
- Tag and Marking Options (ex. tags, lanyards, retaining clamps, etc.)
- End Connection Seals or Sealant Options (ex. pipe thread sealant)
- Special Testing Options (ex. proof pressure tests)

### 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 and Flexible Tubing Product Catalog MS-01-180, Rev. Q

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## 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

**ASCA**

SAFETY CODES ACT - PROVINCE OF ALBERTA

REGISTRATION OF FITTINGS

0 D 21357 - 52

REGISTRATION NO. 0 D 21357 - 52

DWG. NO. or CAT. NO. appendix A" & "B"

TYPE OF FITTINGS HOSE ASSEMBLIES

**JUN 14 2019**

Date \_\_\_\_\_ INITIALS [Signature]