

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURER'S NAME: <u>Swagelok Company</u>	
MANUFACTURER'S ADDRESS: <u>29500 Solon Road, Solon, Ohio 44139 USA</u>	
PLANT LOCATIONS: <u>Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u>	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p><input checked="" type="radio"/> D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>I Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/>. (Meeting AECS or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p align="center">Association for Rubber Products Manufacturers (ARPM) handbook</p>
SHOW MANUFACTURER'S NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
<u>Swagelok</u>	<p>TYPE OF CONSTRUCTION:</p> <p>FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/></p> <p>CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p>DESCRIBE OTHER: <u>Proprietary rubber production process</u></p>
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
<u>ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents</u>	

DECLARATION:

I, Joel Feldman, Vice President, Engineering employed by Swagelok Company, and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by RM as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Joel C. Feldman
 Declared before me at Solon, Ohio
 This 14th day of March AD 2019
 Commissioner of Oaths or Notary Public: (sign) Bianca Hannel
(Affix Official seal to the right)

USE THIS SPACE FOR OFFICIAL SEAL



This space for Regulatory Authority use
This registration must be revalidated after ten (10) years from the date of acceptance.

<p>CRN: <u>0D21357.5</u></p> <p>FID#: <u>1214</u></p> <p>CRN EXPIRES MAY 1, 2029-D.G.</p> <p><small>Notes:</small></p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 	<p>NUNAVUT</p> <p>Boilers and Pressure Vessels Act</p> <p>REGISTERED</p> <p>CRN <u>0D21357.5 N</u></p> <p>Date <u>June 14, 2019</u></p> <p>Signed: <u>[Signature]</u> Chief Inspector</p> <p>Territorial Registration Fee</p>
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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.

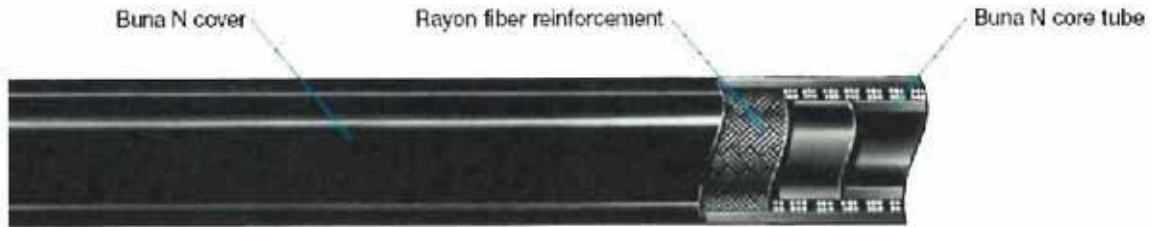
Summary Table

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)	Core: Vinyl Nitrile (ARPM Class A) Braid: 1-Braid Fiber End Connections: 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 @ -20°F		300	80 @ 200°F			
		3/4"							
PB Series Hose (ContiTech)	Core: Buna N Braid: Rayon Fiber End Connections: 316 SS (ASTM A479) or C36000 Brass (ASTM B16)	Tube Adapter 1/4"-1" [TA] 6-25MM [TM]	1"		300 @ -20°F	300			
		Tube Fitting 1/4"-1" [SL] PB Union Adapter 1/4"-3/4"	3/4"	300 @ -20°F	300	80 @ 200°F			

THIS IS PART OF
 CRN 0021357-5
 Technical Standards & Safety Authority
 Division of Pressure Vessels

Product Illustrations

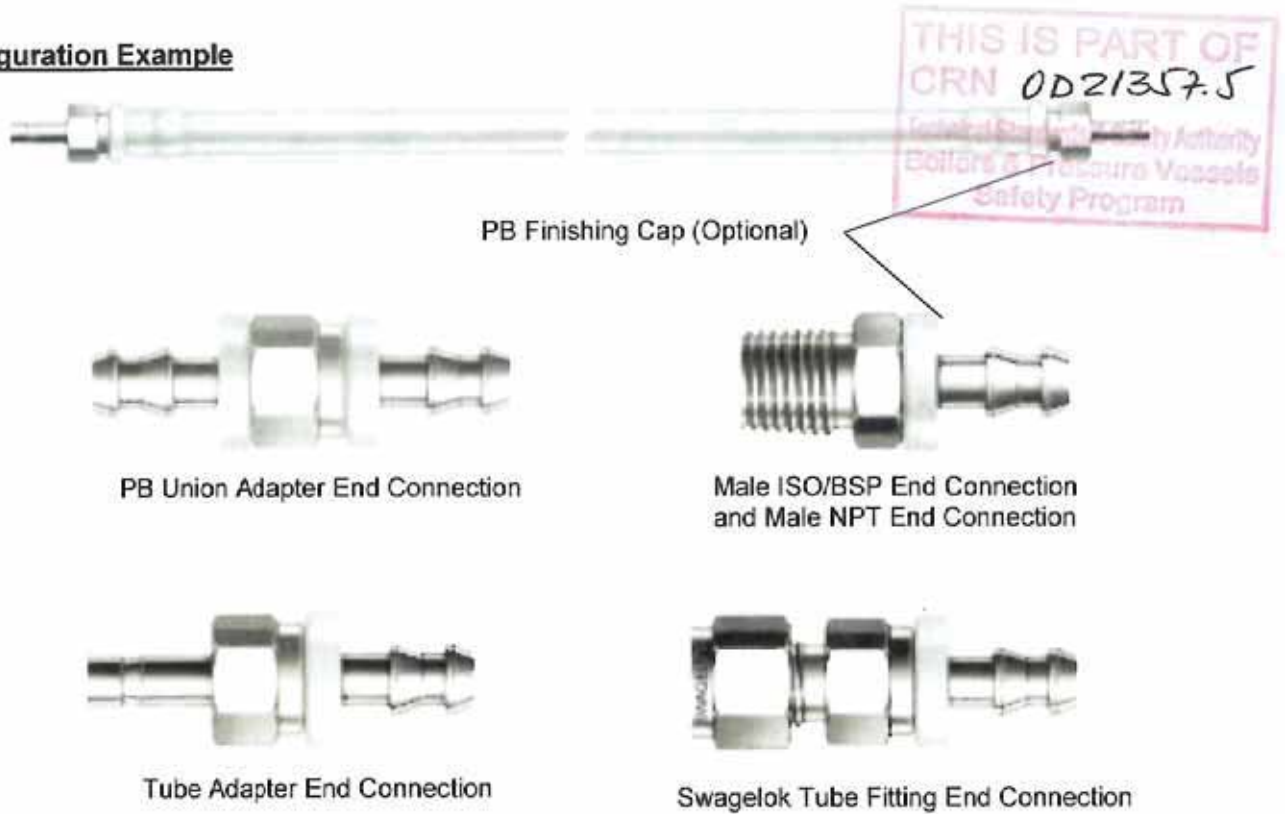
ContiTech Hose



Eaton Hose



Configuration Example



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



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

