



# Statutory Declaration Registration of Fittings

## (a) Design Qualification

I<sup>1</sup> Joel Feldman  
Vice President, Engineering  
*(Position eg, president, plant manager, chief eng.)*

Of Swagelok Company  
*(name of company)*

Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)  
*(plant address)*

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with ARPM Hose Handbook code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

## (b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings<sup>2</sup> covered by this declaration, for which I seek registration, are Category D. Hose

In support of the 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 \_\_\_\_\_

In the of \_\_\_\_\_ of \_\_\_\_\_  
The \_\_\_\_\_ Day of \_\_\_\_\_ AD 20 \_\_\_\_\_

**Unable to get a notary signature or seal due to COVID-19 situation**

**- October 22, 2020** A (commissioner's paths)

**DocuSigned by:**  
  
 10/22/2020 | 10:20 A  
 C87CBBFFD3F14B7...  
Signature of Declarant

For Official Use Only

The application is accepted for registration in Category \_\_\_\_\_ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

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Registered Number CRN \_\_\_\_\_ For the Chief Inspector \_\_\_\_\_  
 Date \_\_\_\_\_

Régie du bâtiment Québec  
 01/13/2021

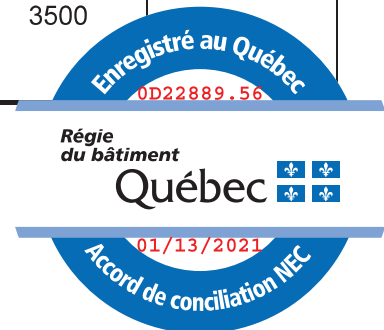
- 1 Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.

**Attachment B: Scope of Registration for Swagelok Nylon Series (7N, 7R, 8N & 8R) and Polyethylene Series (7P) Hose Assemblies (Category D)**

This document represents the scope of Swagelok Nylon Series (7N, 7R, 8N, 8R) and Polyethylene Series (7P) Hose 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**

Product Description or Series	Pressure retaining Material	End Connections and Sizes	Nominal Hose Size (in.)	Maximum Pressure at Temperature (psig)		Design Code of Construction
				At -40 to 70°F Temp.	At Maximum Temp. (200°F)	
7N, 7R Nylon Hose	<b><u>Smooth Bore Core</u></b> Nylon (7R) or SAE nonconductive nylon (7N)  <b><u>Core Covered By</u></b> Synthetic fiber reinforcement  <b><u>Hose Cover</u></b> Polyurethane cover  <b><u>End Connections</u></b> 316 SS	Swagelok Tube Fitting [ <b>SL SM</b> ] 1/4" – 1/2" (6-12mm)  Female 37° JIC with female swivel nut [ <b>AN, AS</b> ] 1/4" – 1/2"	1/4	2750	2750	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [ <b>MT</b> ] 1/4" – 1/2"	3/8	2250	2250	
		Male NPT Tapered Pipe Fitting [ <b>PM</b> ] 1/4" – 1/2"	1/2	2000	2000	
8R Nylon Hose	<b><u>Smooth Bore Core</u></b> Nylon Blend Thermoplastic  <b><u>Core Covered By</u></b> Synthetic fiber reinforcement  <b><u>Hose Cover</u></b> Polyurethane cover  <b><u>End Connections</u></b> 316 SS	Swagelok Tube Fitting [ <b>SL SM</b> ] 1/4" – 1/2" (6-12mm)  Female 37° JIC with female swivel nut [ <b>AN, AS</b> ] 1/4" – 1/2"	1/4	5000	5000	
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [ <b>MT</b> ] 1/4" – 1/2"	3/8	4000	4000	
		Male NPT Tapered Pipe Fitting [ <b>PM</b> ] 1/4" – 1/2"	1/2	3500	3500	





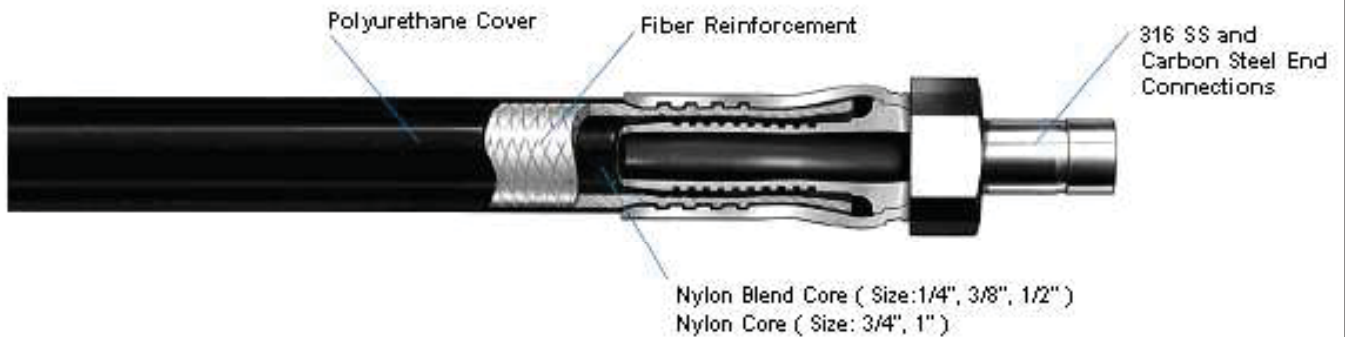
Product Description or Series	Pressure retaining Material	End Connections and Sizes	Nominal Hose Size (in.)	Maximum Pressure at Temperature (psig)		Design Code of Construction
				At Cold Temp to 70°F	At Maximum Temp.	
8R Nylon Hose	<b>Smooth Bore Core</b> Nylon Blend Thermoplastic  <b>Core Covered By</b> Synthetic fiber reinforcement  <b>Hose Cover</b> Polyurethane cover  <b>End Connections</b> 316 SS	Swagelok Tube Fitting <b>[SL SM]</b> 1/4" – 1/2" (6-12mm)  Female 37° JIC with female swivel nut <b>[AN, AS]</b> 1/4" – 1/2"  Male ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT]</b> 1/4" – 1/2"  Male NPT Tapered Pipe Fitting <b>[PM]</b> 1/4" – 1/2"	3/4	2250 @ -40°F to 70°F	2250 @ 200°F	
			1	2000 @ -40°F to 70°F	2000 @ 200°F	
8N Nylon Hose	<b>Smooth Bore Core</b> SAE nonconductive nylon  <b>Core Covered By</b> Synthetic fiber reinforcement  <b>Hose Cover</b> Polyurethane cover  <b>End Connections</b> 316 SS	Swagelok Tube Fitting <b>[SL]</b> 3/4"  Female 37° JIC with female swivel nut <b>[AS]</b> 3/4"  Male ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT]</b> 3/4"  Male NPT Tapered Pipe Fitting <b>[PM]</b> 3/4"	3/4	2250 @ -40°F to 70°F	2250 @ 200°F	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
7P Polyethylene Hose	<b>Smooth Bore Core</b> Polyethylene  <b>Core Covered By</b> Synthetic fiber reinforcement  <b>Hose Cover</b> Polyurethane cover  <b>End Connections</b> 316 SS 	Swagelok Tube Fitting <b>[SL SM]</b> 1/4" – 1" (6–25mm)  Female 37° JIC with female swivel nut <b>[AS]</b> 1/4" – 1"  Male ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT]</b> 1/4" – 1"  Male NPT Tapered Pipe Fitting <b>[PM]</b> 1/4" – 1"	1/4	2750 @ -10°F to 70°F	2750 @ 150°F	
			3/8	2250 @ -10°F to 70°F	2250 @ 150°F	
			1/2	2000 @ -10°F to 70°F	2000 @ 150°F	
			3/4	1500 @ -10°F to 70°F	1500 @ 150°F	
			1	1500 @ -10°F to 70°F	1500 @ 150°F	

## Product Description

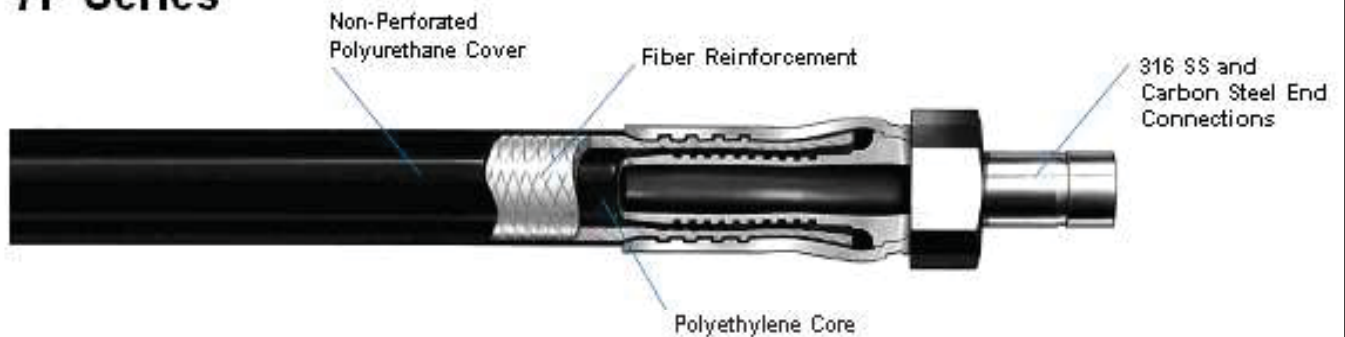
### 7N & 8N Series



### 7R & 8R Series



### 7P Series





**Product Options:**

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

- Spring guards (such as S – Full length spring guard and S2 – Short length spring guard)
- Sleeves (such as F – Fire jacket sleeve with metallic tie lock bands; F1 – Thermo sleeve with metallic tie lock bands)
- Tags and special markings
- Pipe Thread Sealants
- Special Testing

**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, Rev. U.



## 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

