

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

New Brunswick  
Nunavut

Nova Scotia  
Yukon

Prince Edward Island  
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: <u>Swagelok Company</u>	
Manufacturers Address: <u>29500 Solon Road, Solon, Ohio 44139</u>	
Plant Locations: Headquarters: <u>29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)</u>	
<p><b>Category of Fittings to be registered. Circle one Category only</b></p> <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 fuel gas plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p><b>Title of the Standard of Construction</b></p> <p>Rubber Products Manufacturers (ARPM) Hose Handbook</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p align="center"><b>Swagelok</b></p>	<p><b>Type of Construction</b></p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/> Cast <input type="checkbox"/> Other <input checked="" type="checkbox"/> Describe other: Nylon and Polyethylene Core</p>
<p><b>List of supporting documentation and identification of the actual items to be registered:</b></p> <p>ISO 9001: 2015 Certificate, Attachment A, Attachment B, Catalog Information, and other support documents</p>	

**Declaration:**

I, James Norwalk (see note 3) 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 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 me 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: [Signature]

Declared before me at SOLON, OH

This 31<sup>st</sup> day of MAY AD 2024

Commissioner of Oaths

Or Notary Public: (sign) [Signature]

(Affix Official seal to the right)



**JEFFREY C. TRUMBULL**  
Notary Public  
State of Ohio  
for the Official Seal  
Certificate # 2020-RE-613693  
My Commission Expires  
April 15, 2025

<p>CRN: <u>0D22889.5 Add1</u></p> <p>FID#: <u>1214</u></p> <p>Notes:</p> <ol style="list-style-type: none"> <li>All Fittings shall be registered in the name of the Manufacturer.</li> <li>Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</li> <li>The Declaration shall be made by the person having full authority and responsibility for the quality of the end product.</li> <li>Quality Control programs shall be resubmitted for validation.</li> </ol> <p>Attachment B: Scope of registration June 4, 2024 11/2018 (DGallant)</p>	<p align="center">This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p align="center"><b>Northwest Territories</b></p> <p align="center"><b>REGISTERED</b> <b>UNDER THE AUTHORITY OF</b> <b>THE BOILER AND PRESSURE</b> <b>VESSEL ACT.</b></p> <p align="center">C.R.N. <u>0D22889.5T</u></p> <p align="center">SIGNED <u>[Signature]</u> Sect 1.0 - Fittings Rev.2</p> <p align="center">DATE <u>Dec 2 2024</u></p> <p align="right">163.00</p>
---	---



**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 Nylon Hose	<b><u>Smooth Bore Core</u></b> 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)	1/4	2750	1750	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
		Swagelok Tube Adapter [ <b>TA TM</b> ] 1/4" – 1/2" (6-12mm)				
		Female 37° JIC with female swivel nut [ <b>AN, AS</b> ] 1/4" – 1/2"	3/8	2250	1750	
7R Nylon Hose	<b><u>Smooth Bore Core</u></b> Nylon (7R)  <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	Male ISO/BSP Tapered (ISO 7) Pipe Threads [ <b>MT</b> ] 1/4" – 1/2"	1/2	2000	1500	
		Male NPT Tapered Pipe Fitting [ <b>PM</b> ] 1/4" – 1/2"				
8R Nylon Hose	<b><u>Smooth Bore Core</u></b> Nylon Blend Thermoplastic  <b><u>Core Covered By</u></b> Synthetic fiber reinforcement	Swagelok Tube Fitting [ <b>SL SM</b> ] 1/4" – 1" (6-25mm)	1/4	5000	3250	
		Swagelok Tube Adapter [ <b>TA TM</b> ] 1/4" – 1" (6-25mm)	3/8	4000	3250	
			1/2	3500	2750	



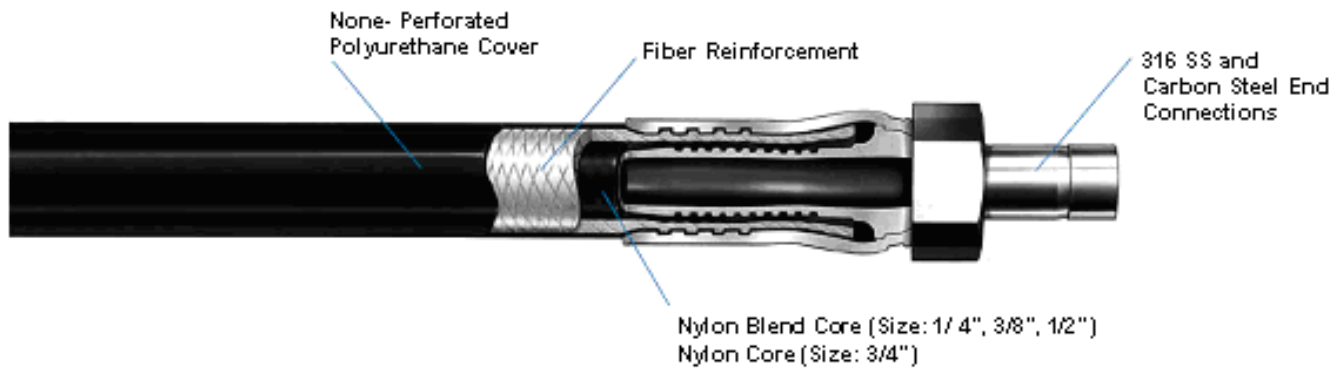
	<b>Hose Cover</b> Polyurethane cover	Female 37° JIC with female swivel nut <b>[AN, AS]</b> 1/4" – 1"	3/4	2250	1500	
	<b>End Connections</b> 316 SS	Male ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT]</b> 1/4" – 1"  Male NPT Tapered Pipe Fitting <b>[PM]</b> 1/4" – 1"	1	2000	1125	

Product Description or Series	Pressure retaining Material	End Connections and Sizes	Nominal Hose Size (in.)	Maximum Pressure at Temperature (psig)		Design Code of Construction
				Up to 70°F Temp.	At Maximum Temp.	
8N Nylon Hose	<u>Smooth Bore Core</u> SAE nonconductive nylon  <u>Core Covered By</u> Synthetic fiber reinforcement  <u>Hose Cover</u> Polyurethane cover  <u>End Connections</u> 316 SS	Swagelok Tube Fitting <b>[SL]</b> 3/4”  Swagelok Tube Adapter <b>[TA]</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	1750 @ 200°F	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
7P Polyethylene Hose	<u>Smooth Bore Core</u> Polyethylene  <u>Core Covered By</u> Synthetic fiber reinforcement  <u>Hose Cover</u> Polyurethane cover  <u>End Connections</u> 316 SS	Swagelok Tube Fitting <b>[SL SM]</b> 1/4”–1” (6–25mm)	1/4	2750 @ -10°F to 70°F	1500 @ 150°F	
		Swagelok Tube Adapter <b>[TA TM]</b> 1/4” – 1” (6-25mm)	3/8	2250 @ -10°F to 70°F	2250 @ 150°F	
		Female 37° JIC with female swivel nut <b>[AS]</b> 1/4” – 1”	1/2	2000 @ -10°F to 70°F	1750 @ 150°F	
		Male ISO/BSP Tapered (ISO 7) Pipe Threads <b>[MT]</b> 1/4” – 1”	3/4	1250 @ -10°F to 70°F	900 @ 150°F	
		Male NPT Tapered Pipe Fitting <b>[PM]</b> 1/4” – 1”	1	1500 @ -10°F to 70°F	1200 @ 150°F	

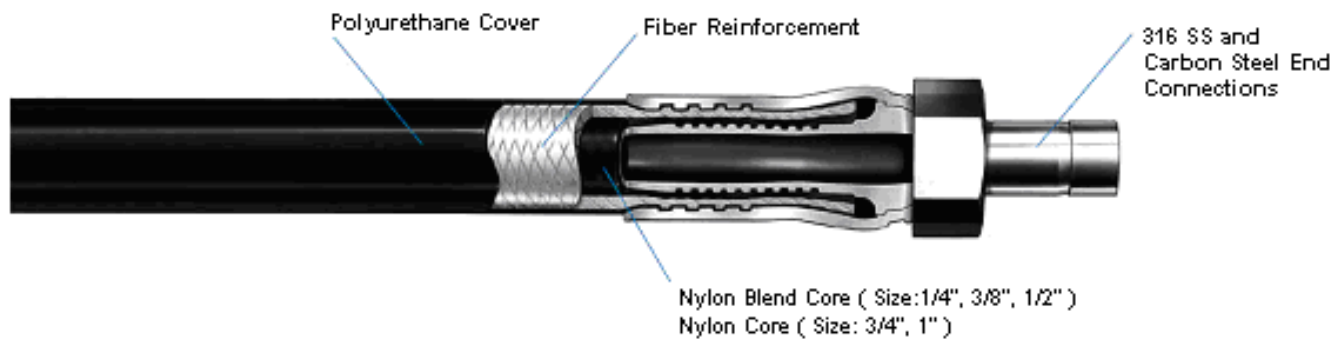


## Product Description

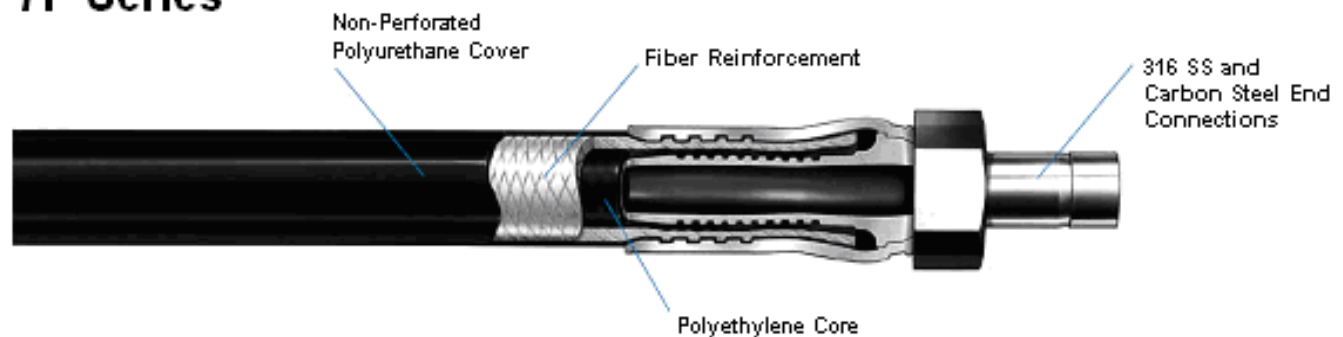
### 7N & 8N Series



### 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 (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

Note: Hose assembly of end connections at Swagelok Authorized Sales and Services Centers is under scope of this CRN.