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Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Joel Feldman
Vice President, Engineering
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: Swagelok Company
(name of manufacturer)



located at: Headquarters: 29500 Solon Road Solon, Ohio 44139 USA
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

Comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
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 Assoc. for Rubber Products Manufacturers (ARPM) Hose Handbook 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 manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are Category D. Hose

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

II. Declaration

DECLARED before me at _____ In the _____
this _____ day of _____

DocuSigned by:

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Unable to get a notary signature or seal due to COVID-19 situation - October 22, 2020

(Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and **CSA B51, Clause 4.2**, and is accepted for registration in Category _____

Technical Safety Authority of Saskatchewan
Registration No. OD22889.53
File No. 11832

Date: December 17, 2020
Expiry Date: December 16, 2030
Codes & Standards Compliance Office

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

****As Noted****



THIS IS PART OF CRN
 0D22889.5
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety Program

Canadian Registration Number Submittal
 Category D Swagelok Nylon and Polyethylene Hose

September 21, 2020
 Page 1 of 4

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	<u>Smooth Bore Core</u> SAE nonconductive nylon (7N) <u>Core Covered By</u> Synthetic fiber reinforcement <u>Hose Cover</u> Polyurethane cover <u>End Connections</u> 316 SS	Swagelok Tube Fitting [SL SM] 1/4" – 1/2" (6-12mm) Female 37° JIC with female swivel nut [AN, AS] 1/4" – 1/2"	1/4	2750	1750	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 1/4" – 1/2"	3/8	2250	1750	
		Male NPT Tapered Pipe Fitting [PM] 1/4" – 1/2"	1/2	2000	1750	
7R Nylon Hose	<u>Smooth Bore Core</u> Nylon (7R) <u>Core Covered By</u> Synthetic fiber reinforcement <u>Hose Cover</u> Polyurethane cover <u>End Connections</u> 316 SS	Swagelok Tube Fitting [SL SM] 1/4" – 1/2" (6-12mm) Female 37° JIC with female swivel nut [AN, AS] 1/4" – 1/2"	1/4	1750	2000	
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 1/4" – 1/2"	3/8	2250	2000	
		Male NPT Tapered Pipe Fitting [PM] 1/4" – 1/2"	1/2	2000	1500	
8R Nylon Hose	<u>Smooth Bore Core</u> Nylon Blend Thermoplastic <u>Core Covered By</u> Synthetic fiber reinforcement <u>Hose Cover</u> Polyurethane cover <u>End Connections</u> 316 SS	Swagelok Tube Fitting [SL SM] 1/4" – 1" (6-12mm) Female 37° JIC with female swivel nut [AN, AS] 1/4" – 1"	1/4	5000	3250	
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 1/4" – 1"	3/8	4000	3250	
		Male NPT Tapered Pipe Fitting [PM] 1/4" – 1"	1/2	3500	2750	
		Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 1/4" – 1"	3/4	2250	1500	
		Male NPT Tapered Pipe Fitting [PM] 1/4" – 1"	1	2000	1125	



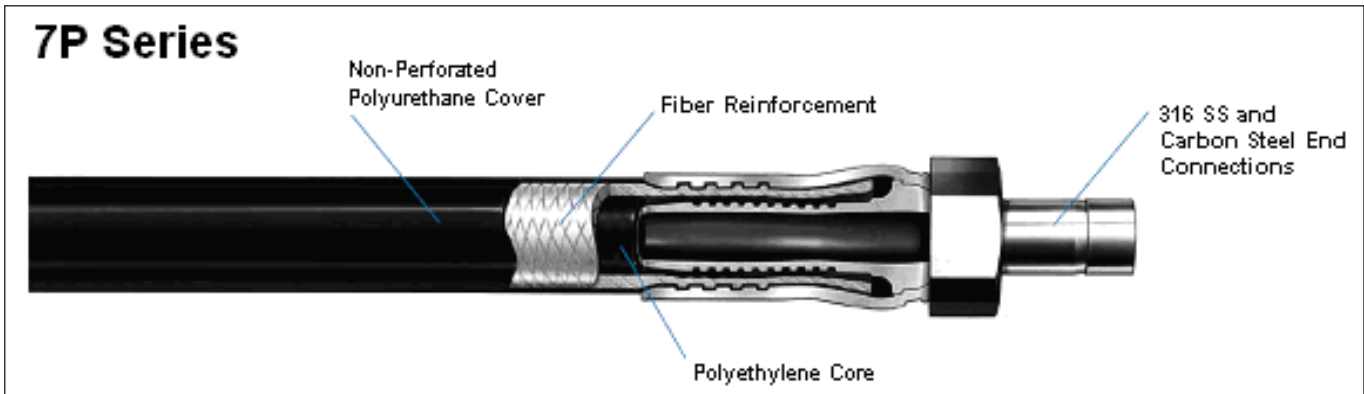
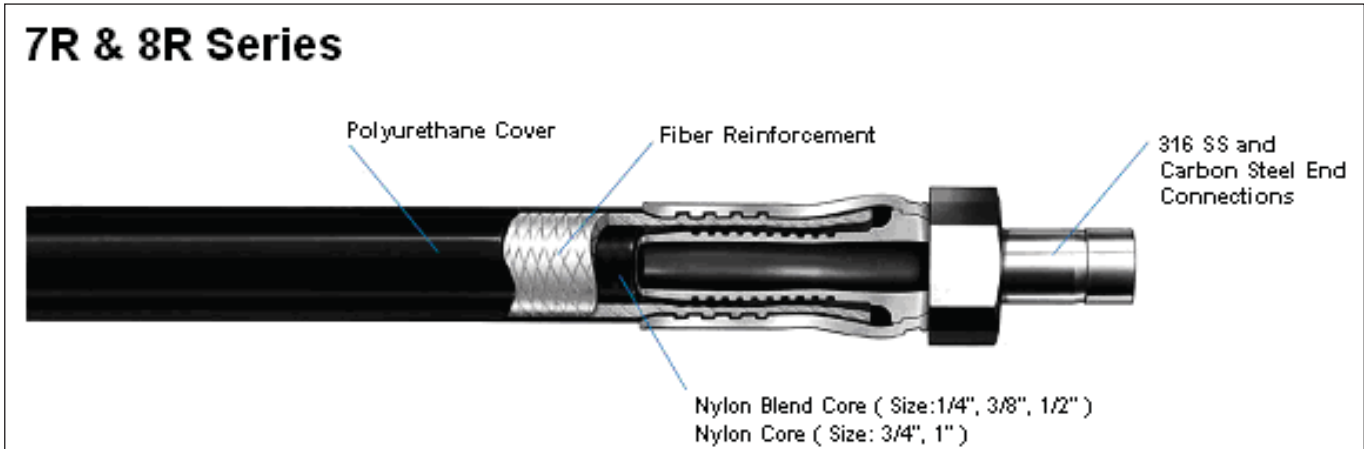
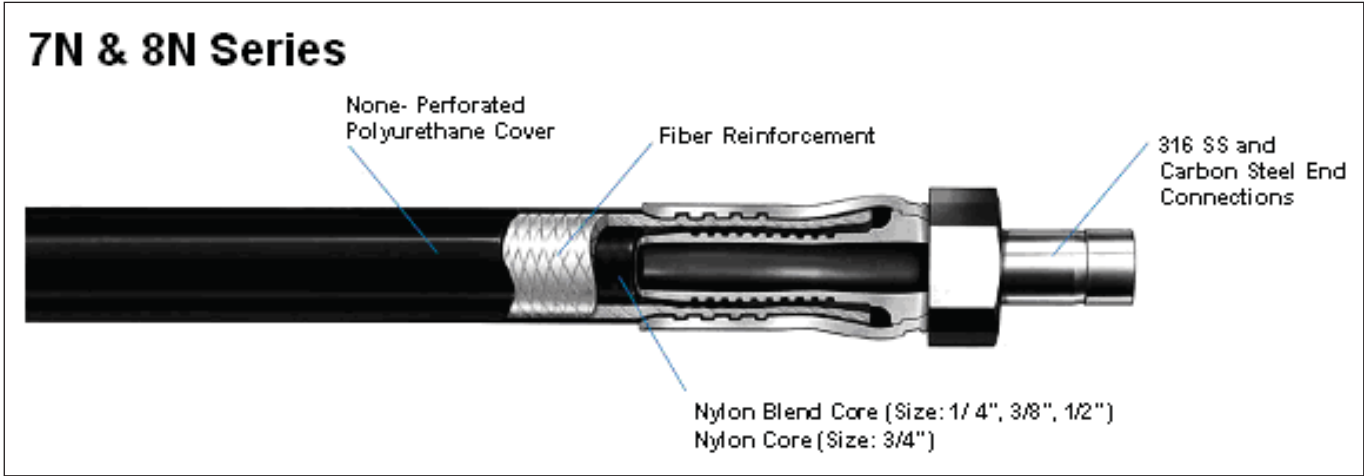


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Product Description or Series	Pressure retaining Material	End Connections and Sizes	Nominal Hose Size (in.)	Maximum Pressure at Temperature (psig)		Design Code of Construction
				Up to 70°F Temp.	At Maximum Temp.	
8N Nylon Hose	Smooth Bore Core SAE nonconductive nylon Core Covered By Synthetic fiber reinforcement Hose Cover Polyurethane cover End Connections 316 SS	Swagelok Tube Fitting [SL] 3/4" Female 37° JIC with female swivel nut [AS] 3/4" Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 3/4" Male NPT Tapered Pipe Fitting [PM] 3/4"	3/4	2250 @ -40°F to 70°F	1750 @ 200°F	Association for Rubber Products Manufacturers (ARPM) Hose Handbook
7P Polyethylene Hose	Smooth Bore Core Polyethylene Core Covered By Synthetic fiber reinforcement Hose Cover Polyurethane cover End Connections 316 SS	Swagelok Tube Fitting [SL SM] 1/4"–1" (6–25mm) Female 37° JIC with female swivel nut [AS] 1/4" – 1" Male ISO/BSP Tapered (ISO 7) Pipe Threads [MT] 1/4" – 1" Male NPT Tapered Pipe Fitting [PM] 1/4" – 1"	1/4	2750 @ -10°F to 70°F	1500 @ 150°F	
			3/8	2250 @ -10°F to 70°F	2250 @ 150°F	
			1/2	2000 @ -10°F to 70°F	1750 @ 150°F	
			3/4	1250 @ -10°F to 70°F	900 @ 150°F	
			1	1500 @ -10°F to 70°F	1200 @ 150°F	



Product Description




Technical Safety Authority of Saskatchewan

Registration No: OD22889.53
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Canadian Registration Number Submittal
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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

