NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	N FORM FOR THE REGISTRATIO PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR
MANUFACTURERS NAME	Swagelok Company		
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		olon, Ohio 44139 USA oad, Solon, Ohio 44139 USA (See A	
CATEGORY OF F	ITTINGS TO BE REGISTERED.	CIRCLE ONE CATEGORY ONLY	Intellet ()
A Pipe fittings, including on B Flanges: all tianges C Valvos: all tino valvos D Expansion joints, floxible E Strainers, fibers, separato F Messuring devices, includ pressurin transmitters G Certified capacity-rated pr boilers, pressure vessels, H Prassure rotaining compo	uplings, toes, elbows, Ys, plugs, o connections, and hose assemblie rs, and steam trape ling pressure gauges, level gauge ressure relial devices acceptable ploing and fusible plugs nonts that do not fat into one of t	unions, pipe caps, or reducers es: ell types es, sight glasses, levels, or as primary over pressure protection on	Rubber Products Manufacturers (ARPM) Hose Handbook
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Swa	V V	PARTITION OF PROPERTY	PORGED O WROUGHT D CAST D OTHER X DESCRIBE OTHER: PTFE Core
LIST OF SUPPORTING DOC	UMENTATION AND IDENTIFIC	ATION OF THE ACTUAL ITEMS TO BE RE	GIATERED
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Canadian Registration Number Submittal Category D Crimped Swagelok FC series PTFE Hose

THIS IS PART OF CRN 0D22735.5

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety

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Attachment B: Scope of Registration for Crimped Swagelok FC series PTFE Hose Assemblies (Category D)

This document represents the scope of the Swagelok Coreflex FC series hose and crimped 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

FC Maximum Pres		num Pressure	(psig)				
series Hose Size	At Minimum Temp. (-65°F)	Room temperature (0°-100°F)	At Maximum Temp. (450°F)	Pressure Retaining Material	End Connections and Sizes	Design Code of Construction	
1/4"	455	800	160		Swagelok Tube Fitting [SL, SM] 1/8" – 2" (3-50mm)		
3/8"	480	650	170	Core Carbon Black filled virgin PTFE Braid Fiberglass Braid Reinforcement End Connections 316 SS Crimp on Collar 304 SS	Carbon Black filled virgin	Male & Female NPT Tapered Pipe Fitting [PM, PF] 1/8" – 2" Male & Female ISO/BSP Tapered (ISO 7) Pipe Threads [MT, FT]	
1/2"	450	450	225		Male 37° JIC & Female 37° JIC with female swivel nut [AN, AS] 1/4" – 2" Tube Butt Welds [TB] 1/2" – 1" Male & Female VCO O-ring Face seal Fitting [VF, VM] 1/8" - 2"	Association for Rubber Products Manufacturers (ARPM) Hose Handbook	
3/4"	325	325	160		Male & Female VCR Metal Gasket Face seal Fitting [RF, RM] 1/8" – 2" Female ISO/BSP Parallel Threads (ISO 228) [FS] 1/4" – 1"		



Canadian Registration Number Submittal
Category D Crimped Swagelok FC series PTFE Hose

OD22735.5
Technical Standards and Safety Authority

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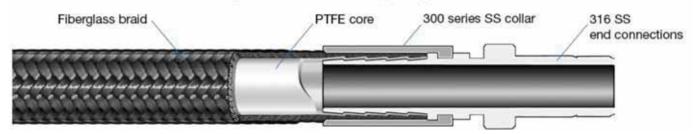
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Product Description

Swagelok's FC series hose is a carbon black filled virgin PTFE liner with fiberglass braid reinforcement. All FC series hoses undergo production testing in accordance with ASTM D380 "Test Methods for Rubber Hose" (version current to hose production date).

Configurations

All end connection inserts are crimped onto the hose using crimp collars.



Product Options:

Additional options that do not affect pressure and/or temperature ratings may be made available and are within the scope of this approval. Examples of these would include, but not limited to, the following:

Cover Options

- Armor guard Interlocking, flexible 302 stainless steel.
- Fire jacket Woven fiberglass coated with specially compounded aerospace-grade silicone rubber
- Spiral guard Helical HDPE plastic

Tag and Marking Options

- Mat tag Polyester tag with customer-specified text
- Lanyard tag Stainless steel tag with customer-specified text

End Connection Seals or Sealants Options

- VCO O-rings
- Pipe Thread ends thread sealant

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.

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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	Swagelok Company (Falon 1)
29500 Solon Road	348 Bishop Road
Solon, Ohio 44139	Highland Heights, Ohio 44143
USA	USA
Swagelok Company (Highland)	Swagelok Company (Falon 2)
318 Bishop Road	358 Bishop Road
Highland Heights, Ohio 44143	Highland Heights, Ohio 44143
USA	USA
Swagelok Company (OFC)	Swagelok Company (HPF)
29495 F.A. Lennon Drive	6050 Cochran Road
Solon, Ohio 44139	Solon, Ohio 44139
USA	USA
Swagelok Company (Atlantic)	Swagelok Company (Snow Metal)
26651 Curtiss Wright Parkway	6060 Cochran Road
Willoughby Hills, Ohio 44092	Solon, Ohio 44139
USA	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)	Swagelok Company (Strongsville)
29900 Solon Industrial Parkway	15400 Foltz Road
Solon, Ohio 44139	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