

STATUTORY DECLARATION Registration of Fittings

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting. Swagelok

I, Joel Feldman, Vice President of Engineering of Swagelok Company

located at 29500 Solon Road, Solon, Ohio 44139 USA (see Attachment A)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

- comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, 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 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 manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, BSI as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

Category C Type Fittings (brief description of fittings)

In support of this application, the following information, calculations and/or test data are attached:

SO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

DECLARED before me at Solon in the State of Ohio

this 09th day of August, 2018

(print) Jamie L. Ristau, Notary Public, State of Ohio

(sign) Jamie L. Ristau (signature of applicant)

For ABSA Office Use Only:

NOTES: See the attached sheets (Attachments A & B) for scope of registration.

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category C

Registration Number: OC20863-52 (Signature of the Administrator/SCO)

Date Registered: JAN 03 2019 Expiry Date: November 18, 2028

Attachment B. Scope of Registration for Swagelok C and CA Series Check Valves (Category C)

Product Scope

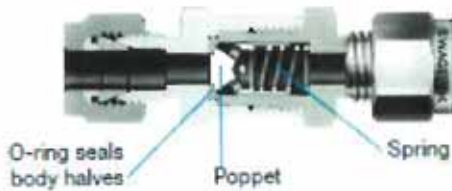
This document represents the scope of Swagelok® C and CA Series Check Valves covered by this submission for CRN approval. These products were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

Summary Table

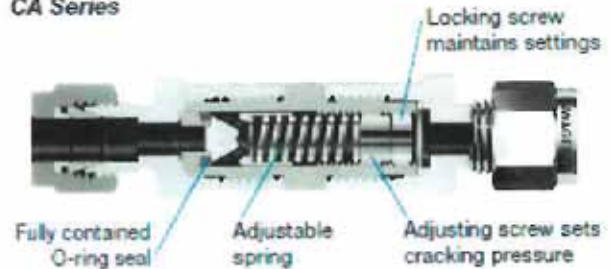
Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)		Design Code of Construction
				@100°F	@Max. Temp	
2C, 4C, 6C, 8C	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/8", 1/4", 3/8", 1/2", 6MM, 10MM, 12MM Female NPT 1/8", 1/4", 3/8", 1/2" Male NPT 1/8", 1/4", 3/8", 1/2" Male VCR Fitting 1/4", 1/2"	3000 psig	2185 psig @ 375°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
12C, 16C	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 3/4", 1" Female NPT 3/4", 1" Male NPT 3/4", 1" Male VCR Fitting 3/4", 1"	2000 psig	1450 psig @ 375°F	
2C, 4C, 6C, 8C	Body	C36000 Brass (ASTM B16)	Swagelok Tube Fitting 1/8", 1/4" Female NPT 1/8", 1/4" Male NPT 1/8", 1/4", 3/8", 1/2"	3000 psig	2405 psig @ 250°F	
			Swagelok Tube Fitting 6MM	3000 psig	2298 psig @ 250°F	
			Swagelok Tube Fitting 3/8"	2200 psig	1584 psig @ 250°F	
			Swagelok Tube Fitting 1/2"	2100 psig	1512 psig @ 250°F	
			Swagelok Tube Fitting 10MM	1886 psig	1358 psig @ 250°F	
			Swagelok Tube Fitting 12MM	2031 psig	1462 psig @ 250°F	
			Female NPT 3/8"	2600 psig	2405 psig @ 250°F	
	Female NPT 1/2"	2400 psig	2405 psig @ 250°F			
12C, 16C	Body	C36000 Brass (ASTM B16)	Swagelok Tube Fitting 1"	1500 psig	1080 psig @ 250°F	
			Swagelok Tube Fitting 3/4" Female NPT 3/4", 1" Male NPT 3/4", 1"	1500 psig	1200 psig @ 250°F	
4CA	Body	316 SS (ASTM A479)	Swagelok Tube Fitting 1/4", 6MM, 8MM Male NPT 1/4" Male VCR Fitting 1/4",	3000 psig	2185 psig @ 375°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
4CA	Body	C36000 Brass (ASTM B16)	Swagelok Tube Fitting 1/4" Male NPT 1/4",	3000 psig	2405 psig @ 250°F	
			Swagelok Tube Fitting 6MM	3000 psig	2298 psig @ 250°F	
			Swagelok Tube Fitting 8MM	2322 psig	1671 psig @ 250°F	

Product Illustration

C Series



CA Series



Typical Product Characteristics:

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, poppet springs, lubricants, and body seal materials.

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.

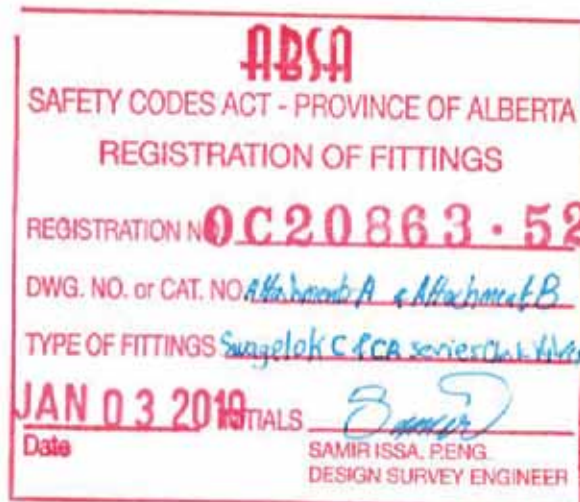
Special Ordering Instructions

None

References

The following product catalog does not represent the full scope of registration, but rather details some of the most common options.

- Check Valves MS-01-176, R11



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 Company A.G. (European Technology Center) St. GallerstraBe 84 Lachen, Switzerland 8853 Switzerland
Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man	JAN 03 2019 0C20863-52