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Vancouver, BC V5M 4T5
Toll Free: 1-866-566-7233
www.technicalsafetybc.ca

ATTN: TSSA BPV NATIONAL REGISTRATION -
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DR
TORONTO ON M9W 6N9

Date: 19-May-2026

TSBC Account #: 061440
TSBC Admin Number: 124670

Canadian Registration Number: 0A18288.51

Re: Application for Design Registration

The design, as detailed in your Design Portal application 0A18288.5R1 - SWAGELOK for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	SWAGELOK
Project Name:	0A18288.5R1 - SWAGELOK
Drawing #:	Attachment B. Scope of Registration for Swagelok Stainless Steel IPT Series
Drawing Revision:	N/A

Conditions of Registration:

(1)Fitting Registration Expiry Date: 19-Mar-2036 (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsafetybc.ca.

The Engineering Information Management Team

Attachment B. Scope of Registration for Swagelok Stainless Steel IPT Series Medium Pressure Cone and Thread Fittings (Category A)

This document represents the scope of Swagelok 316 Stainless Steel IPT Series Medium Pressure Cone and Thread Fittings covered by this submission for CRN approval. These fittings have been evaluated in accordance with ASME B31.3-2024 Chapter IX for unlisted components.

Summary Table

Product Description or Series	Material (Standard)	Port Connections and Sizes	Minimum Design Metal Temperature (MDMT)	Maximum Allowable Working Pressure		Design Code of Construction
				At Ambient Temperature (Up to 100°F)	At Maximum Temperature (700° F)*	
IPT Series	316 SS (ASTM A276 or ASTM A479) straight fittings, shape fittings, hardware	Medium Pressure Cone & Thread 1/4 – 1 inch	-94°F (-70°C)	20 000 psig (1378 bar)	16 400 psig (1130 bar)	ASME B31.3 Chapter IX (unlisted components)

**Maximum temperature pressure ratings were obtained by multiplying the medium pressure working rating listed in the product catalog by the listed elevated temperature factor for strain-hardened 316 SS (0.82).*

Product Illustrations

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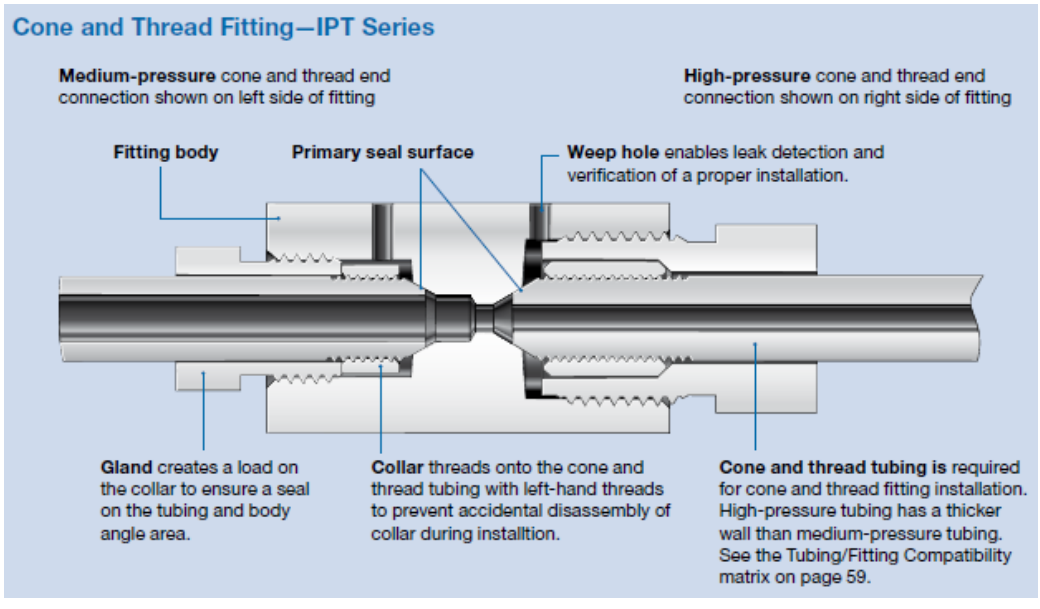
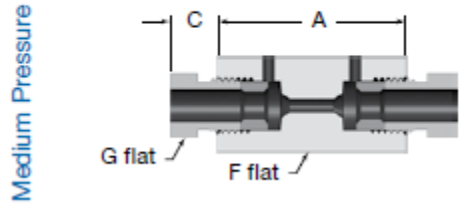
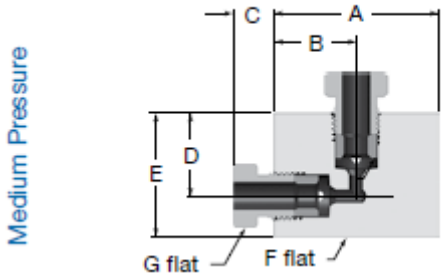


Configurations

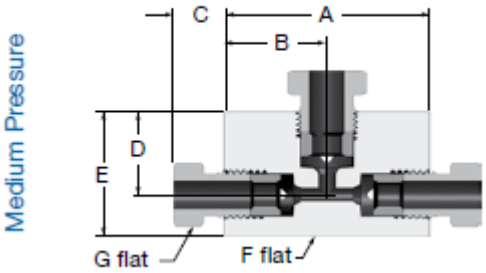
Couplings



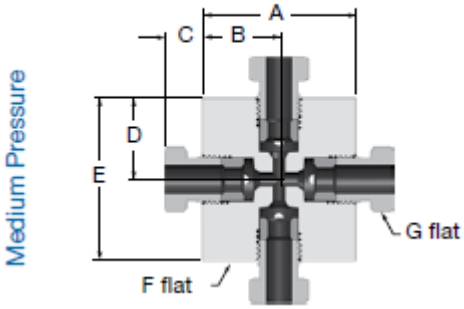
Elbows



Tees

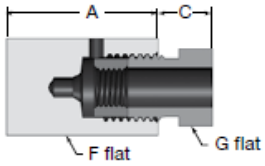


Crosses



Caps and Plugs

Caps



Medium-pressure configuration shown

Plugs

Product Options:

Some product options could affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than or equal to those shown in the Summary Table. An example of this would be collars, glands, or tube nipples.

Additional options that do not affect pressure-temperature ratings may be made available within the scope of this registration.

Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. IPT fittings are made at a Swagelok Company location in Solon, Ohio.

References

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

- Medium- and High-Pressure Fittings, Tubing, Valves, and Accessories MS-02-472, Rev AE