



REGISTRATION OF A PRESSURE FITTING DESIGN

October 9, 2025

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 103728

Re: Manufacturer: Aflex Hose Ltd.
Item: Flexible Hose Assemblies
Catalog or Drawing: Per Scope of CRN Registration (July 30, 2025) & Design Report R-1834 Rev. 0

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OD26115.53

Expiry Date: 2035-09-15

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

CRN issuance based upon registration by another province under the interprovincial agreement. Conditional upon compliance with the notes on the TSSA registration.

See Worldwide Locations Appendix (November 19, 2024) for list of manufacturing locations.



Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Dr. Leigh Mulvaney-Johnson PHD CENG (MIMECHE),

Technical Manager

(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: Aflex Hose Ltd.

(name of manufacturer)

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



or
"AFLEX"

located at: Bradley Business Park, Dyson Wood Way, Bradley, Huddersfield, HD2 1GZ, United Kingdom

(Plant Address – Apt/Street)

(City, Prov)

(Postal Code)

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

- ☒ Comply with the requirements of ASME B31.3, ASME BPE, ARPM IP-2 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 _____ 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, ISO 9001:2015 bsi, TUV 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 - FLEXIBLE HOSE ASSEMBLIES

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

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

II. Declaration

DECLARED before me at Hebden Bridge in the County of West Yorkshire

this 24th day of July 2025

MARY MAHON
(print name)
TEL: 01422 844997 FAX: 01422 844797
EMAIL: mary@marymahonsolicitor.co.uk
8 WRAGLEY HOUSE, VALLEY ROAD
HEBDEN BRIDGE, WEST YORKSHIRE HX7 7BN

(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. 0D26115.53

File No. 103728

Registered

Date: October 9, 2025

Expiry Date: September 15, 2035

Codes & Standards Compliance Office

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

(Expiry Date – MM DD YYYY)

TSK-1008
Rev. 10/2012
Page 1 of 1

AFLEX HOSE LTD.
BRADLEY BUSINESS PARK
DYSON WOOD WAY
BRADLEY, HUDDERSFIELD
HD2 1GZ, UNITED KINGDOM



Registration No.	0D26115.53
File No.	103728
Registered	
Date:	October 9, 2025
Expiry Date:	September 15, 2035
Codes & Standards Compliance Office	

July 30, 2025

SCOPE OF CRN REGISTRATION

PAGE 1 OF 14

Hose Type(s)
Corroflon Hose - Lined Fittings
Corroflon Hose - Non-Lined Fittings

Important: The CRN Pressure-Temperature Ratings listed in this document are the hose maximum CRN ratings. Consult hose product literature for recommended hose maximum operating conditions.

The maximum CRN ratings are applicable to the following Service Types:

Service Type **Group 1**: Water and all other liquids, solid materials suspended in liquids or air, compressed air and other gases.

Service Type **Group 2**: Liquid media that immediately changes into gas under standard atmospheric conditions.

Service Type **Group 3**: Steam

Product Description	Design Code	Material Specifications	MDMT	Report Number
Flexible Hose Assemblies	ASME B31.3, ASME BPE, ARPM IP-2	ASTM A479-304/304L, ASTM A479-316/316L ASTM A240-304/304L, ASTM A240-316/316L Stainless Steel meeting the requirements of ASTM A478 and ASTM A580, PTFE Hose and lined fittings.	- 73°C / -100°F	R-1834 Rev. 0

**SEE PAGES THAT FOLLOW FOR
PRESSURE-TEMPERATURE RATINGS
AND AVAILABLE PROCESS CONNECTIONS**

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Lined Fittings DIN 11851 Female Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)
1/2" DIN 11851 x 1/2" Hose	594.7	41.0	475.7	32.8	232.1	16.0
3/4" DIN 11851 x 3/4" Hose	507.6	35.0	406.1	28.0	203.1	14.0
1" DIN 11851 x 1" Hose	449.6	31.0	359.7	24.8	179.8	12.4
1-1/4" DIN 11851 x 1-1/4" Hose	391.6	27.0	313.3	21.6	156.6	10.8
1-1/2" DIN 11851 x 1-1/2" Hose	333.6	23.0	266.9	18.4	133.4	9.2
2" DIN 11851 x 2" Hose	290.1	20.0	232.1	16.0	116.0	8.0
2-1/2" DIN 11851 x 2-1/2" Hose	232.1	16.0	185.7	12.8	87.0	6.0
3" DIN 11851 x 3" Hose	203.1	14.0	162.4	11.2	81.2	5.6

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Lined Fittings DIN 11851 Female Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)
1/2" DIN 11851 x 1/2" Hose	553.0	38.1	442.4	30.5	221.2	15.3
3/4" DIN 11851 x 3/4" Hose	472.1	32.6	377.7	26.0	188.8	13.0
1" DIN 11851 x 1" Hose	418.2	28.8	334.5	23.1	167.3	11.5
1-1/4" DIN 11851 x 1-1/4" Hose	364.2	25.1	291.4	20.1	145.7	10.0
1-1/2" DIN 11851 x 1-1/2" Hose	310.2	21.4	248.2	17.1	124.1	8.6
2" DIN 11851 x 2" Hose	269.8	18.6	215.8	14.9	107.9	7.4
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" DIN 11851 x 2-1/2" Hose	215.8	14.9	172.7	11.9	86.3	6.0
3" DIN 11851 x 3" Hose	188.8	13.0	151.1	10.4	75.5	5.2

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Non-Lined Fittings BSPT, MNPT and FNPT				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)
1/2" BSPT, MNPT, FNPT	594.7	41.0	475.7	32.8	232.1	16.0
3/4" BSPT, MNPT, FNPT	507.6	35.0	406.1	28.0	203.1	14.0
1" BSPT, MNPT, FNPT	449.6	31.0	359.7	24.8	179.8	12.4
1-1/4" BSPT, MNPT, FNPT	391.6	27.0	313.3	21.6	156.6	10.8
1-1/2" BSPT, MNPT, FNPT	333.6	23.0	266.9	18.4	133.4	9.2
2" BSPT, MNPT, FNPT	290.1	20.0	232.1	16.0	116.0	8.0
2-1/2" BSPT, MNPT, FNPT	232.1	16.0	185.7	12.8	87.0	6.0
3" BSPT, MNPT, FNPT	203.1	14.0	162.4	11.2	81.2	5.6
4" BSPT, MNPT, FNPT	145.0	10.0	116.0	8.0	58.0	4.0

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Non-Lined Fittings BSPT, MNPT and FNPT				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)
1/2" BSPT, MNPT, FNPT	553.0	38.1	442.4	30.5	221.2	15.3
3/4" BSPT, MNPT, FNPT	472.1	32.6	377.7	26.0	188.8	13.0
1" BSPT, MNPT, FNPT	418.2	28.8	334.5	23.1	167.3	11.5
1-1/4" BSPT, MNPT, FNPT	364.2	25.1	291.4	20.1	145.7	10.0
1-1/2" BSPT, MNPT, FNPT	310.2	21.4	248.2	17.1	124.1	8.6
2" BSPT, MNPT, FNPT	269.8	18.6	215.8	14.9	107.9	7.4
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" BSPT, MNPT, FNPT	215.8	14.9	172.7	11.9	86.3	6.0
3" BSPT, MNPT, FNPT	188.8	13.0	151.1	10.4	75.5	5.2
4" BSPT, MNPT, FNPT	134.9	9.3	107.9	7.4	54.0	3.7

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Non-Lined Fittings JIC male and JIC Swivel Female				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)	MAWP at 300°F (psig)	MAWP at 150°C (barg)
1/2" (3/4"-16) JIC Male x 1/2" Hose	594.7	41.0	475.7	32.8	232.1	16.0
3/4" (1-1/16"-12) JIC Male x 3/4" Hose	507.6	35.0	406.1	28.0	203.1	14.0
1" (1-5/16"-12) JIC Male x 1" Hose	449.6	31.0	359.7	24.8	179.8	12.4
1-1/4" (1-5/8"-12) JIC Male x 1-1/4" Hose	391.6	27.0	313.3	21.6	156.6	10.8
1-1/2" (1-7/8"-12) JIC Male x 1-1/2" Hose	333.6	23.0	266.9	18.4	133.4	9.2
2" (2-1/2"-12) JIC Male x 2" Hose	290.1	20.0	232.1	16.0	116.0	8.0
1/2" (3/4"-16) JIC Swivel Female x 1/2" Hose	594.7	41.0	475.7	32.8	232.1	16.0
3/4" (1-1/16"-12) JIC Swivel Female x 3/4" Hose	507.6	35.0	406.1	28.0	203.1	14.0
1" (1-5/16"-12) JIC Swivel Female x 1" Hose	449.6	31.0	359.7	24.8	179.8	12.4
1-1/4" (1-5/8"-12) JIC Swivel Female x 1-1/4" Hose	391.6	27.0	313.3	21.6	156.6	10.8
1-1/2" (1-7/8"-12) JIC Swivel Female x 1-1/2" Hose	333.6	23.0	266.9	18.4	133.4	9.2
2" (2-1/2"-12) JIC Swivel Female x 2" Hose	290.1	20.0	232.1	16.0	116.0	8.0

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections		Corroflon Hose - Non-Lined Fittings JIC male and JIC Swivel Female				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)
1/2" (3/4"-16) JIC Male x 1/2" Hose	552.6	38.1	442.4	30.5	221.9	15.3
3/4" (1-1/16"-12) JIC Male x 3/4" Hose	472.8	32.6	377.1	26.0	188.6	13.0
1" (1-5/16"-12) JIC Male x 1" Hose	417.7	28.8	335.0	23.1	166.8	11.5
1-1/4" (1-5/8"-12) JIC Male x 1-1/4" Hose	364.1	25.1	291.5	20.1	145.0	10.0
1-1/2" (1-7/8"-12) JIC Male x 1-1/2" Hose	310.4	21.4	248.0	17.1	124.7	8.6
2" (2-1/2"-12) JIC Male x 2" Hose	269.8	18.6	216.1	14.9	107.3	7.4
1/2" (3/4"-16) JIC Swivel Female x 1/2" Hose	552.6	38.1	442.4	30.5	221.9	15.3
3/4" (1-1/16"-12) JIC Swivel Female x 3/4" Hose	472.8	32.6	377.1	26.0	188.6	13.0
1" (1-5/16"-12) JIC Swivel Female x 1" Hose	417.7	28.8	335.0	23.1	166.8	11.5
1-1/4" (1-5/8"-12) JIC Swivel Female x 1-1/4" Hose	364.1	25.1	291.5	20.1	145.0	10.0
1-1/2" (1-7/8"-12) JIC Swivel Female x 1-1/2" Hose	310.4	21.4	248.0	17.1	124.7	8.6
2" (2-1/2"-12) JIC Swivel Female x 2" Hose	269.8	18.6	216.1	14.9	107.3	7.4

SCOPE OF CRN REGISTRATION

Process Connections		Corroflon Hose - Non-Lined Fittings ASME BPE / DIN 32676 Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 100°F (psig)	MAWP at 38°C (barg)	MAWP at 100°F (psig)	MAWP at 38°C (barg)	MAWP at 100°F (psig)	MAWP at 38°C (barg)
1/2" ASME BPE Type B Ferrule x 1/2" Hose	200.0	13.8	200.0	13.8	200.0	13.8
3/4" ASME BPE Type B Ferrule x 3/4" Hose	200.0	13.8	200.0	13.8	200.0	13.8
1" ASME BPE Type A Ferrule x 1" Hose	200.0	13.8	200.0	13.8	179.8	12.4
1-1/2" ASME BPE Type A Ferrule x 1-1/2" Hose	200.0	13.8	200.0	13.8	133.4	9.2
2" ASME BPE Type A Ferrule x 2" Hose	200.0	13.8	200.0	13.8	116.0	8.0
2-1/2" ASME BPE Type A Ferrule x 2-1/2" Hose	200.0	13.8	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule x 3" Hose	200.0	13.8	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0
1/2" ASME BPE Type B Ferrule 90° Elbow x 1/2" Hose	200.0	13.8	200.0	13.8	200.0	13.8
3/4" ASME BPE Type B Ferrule 90° Elbow x 3/4" Hose	200.0	13.8	200.0	13.8	200.0	13.8
1" ASME BPE Type A Ferrule 90° Elbow x 1" Hose	200.0	13.8	200.0	13.8	179.8	12.4
1-1/2" ASME BPE Type A Ferrule 90° Elbow x 1-1/2" Hose	200.0	13.8	200.0	13.8	133.4	9.2
2" ASME BPE Type A Ferrule 90° Elbow x 2" Hose	200.0	13.8	200.0	13.8	116.0	8.0
2-1/2" ASME BPE Type A Ferrule 90° Elbow x 2-1/2" Hose	200.0	13.8	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule 90° Elbow x 3" Hose	200.0	13.8	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule 90° Elbow x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0

SCOPE OF CRN REGISTRATION

Process Connections		Corroflon Hose - Non-Lined Fittings ASME BPE / DIN 32676 Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 200°F (psig)	MAWP at 93°C (barg)	MAWP at 200°F (psig)	MAWP at 93°C (barg)	MAWP at 200°F (psig)	MAWP at 93°C (barg)
1/2" ASME BPE Type B Ferrule x 1/2" Hose	200.0	13.8	200.0	13.8	200.0	13.8
3/4" ASME BPE Type B Ferrule x 3/4" Hose	200.0	13.8	200.0	13.8	200.0	13.8
1" ASME BPE Type A Ferrule x 1" Hose	200.0	13.8	200.0	13.8	179.8	12.4
1-1/2" ASME BPE Type A Ferrule x 1-1/2" Hose	200.0	13.8	200.0	13.8	133.4	9.2
2" ASME BPE Type A Ferrule x 2" Hose	200.0	13.8	200.0	13.8	116.0	8.0
2-1/2" ASME BPE Type A Ferrule x 2-1/2" Hose	200.0	13.8	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule x 3" Hose	200.0	13.8	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0
1/2" ASME BPE Type B Ferrule 90° Elbow x 1/2" Hose	200.0	13.8	200.0	13.8	200.0	13.8
3/4" ASME BPE Type B Ferrule 90° Elbow x 3/4" Hose	200.0	13.8	200.0	13.8	200.0	13.8
1" ASME BPE Type A Ferrule 90° Elbow x 1" Hose	200.0	13.8	200.0	13.8	179.8	12.4
1-1/2" ASME BPE Type A Ferrule 90° Elbow x 1-1/2" Hose	200.0	13.8	200.0	13.8	133.4	9.2
2" ASME BPE Type A Ferrule 90° Elbow x 2" Hose	200.0	13.8	200.0	13.8	116.0	8.0
2-1/2" ASME BPE Type A Ferrule 90° Elbow x 2-1/2" Hose	200.0	13.8	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule 90° Elbow x 3" Hose	200.0	13.8	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule 90° Elbow x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0

SCOPE OF CRN REGISTRATION

Process Connections		Corroflon Hose - Non-Lined Fittings ASME BPE / DIN 32676 Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 300°F (psig)	MAWP at 149°C (barg)	MAWP at 300°F (psig)	MAWP at 149°C (barg)	MAWP at 300°F (psig)	MAWP at 149°C (barg)
1/2" ASME BPE Type B Ferrule x 1/2" Hose	187.5	12.9	187.5	12.9	187.5	12.9
3/4" ASME BPE Type B Ferrule x 3/4" Hose	187.5	12.9	187.5	12.9	187.5	12.9
1" ASME BPE Type A Ferrule x 1" Hose	187.5	12.9	187.5	12.9	179.8	12.4
1-1/2" ASME BPE Type A Ferrule x 1-1/2" Hose	187.5	12.9	187.5	12.9	133.4	9.2
2" ASME BPE Type A Ferrule x 2" Hose	187.5	12.9	187.5	12.9	116.0	8.0
2-1/2" ASME BPE Type A Ferrule x 2-1/2" Hose	187.5	12.9	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule x 3" Hose	187.5	12.9	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0
1/2" ASME BPE Type B Ferrule 90° Elbow x 1/2" Hose	187.5	12.9	187.5	12.9	187.5	12.9
3/4" ASME BPE Type B Ferrule 90° Elbow x 3/4" Hose	187.5	12.9	187.5	12.9	187.5	12.9
1" ASME BPE Type A Ferrule 90° Elbow x 1" Hose	187.5	12.9	187.5	12.9	179.8	12.4
1-1/2" ASME BPE Type A Ferrule 90° Elbow x 1-1/2" Hose	187.5	12.9	187.5	12.9	133.4	9.2
2" ASME BPE Type A Ferrule 90° Elbow x 2" Hose	187.5	12.9	187.5	12.9	116.0	8.0
2-1/2" ASME BPE Type A Ferrule 90° Elbow x 2-1/2" Hose	187.5	12.9	185.7	12.8	87.0	6.0
3" ASME BPE Type A Ferrule 90° Elbow x 3" Hose	187.5	12.9	162.4	11.2	81.2	5.6
4" ASME BPE Type A Ferrule 90° Elbow x 4" Hose	145.0	10.0	116.0	8.0	58.0	4.0

SCOPE OF CRN REGISTRATION

Process Connections		Corroflon Hose - Non-Lined Fittings ASME BPE / DIN 32676 Process Connections				
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)
1/2" ASME BPE Type B Ferrule x 1/2" Hose	170.1	11.7	170.1	11.7	170.1	11.7
3/4" ASME BPE Type B Ferrule x 3/4" Hose	170.1	11.7	170.1	11.7	170.1	11.7
1" ASME BPE Type A Ferrule x 1" Hose	170.1	11.7	170.1	11.7	166.8	11.5
1-1/2" ASME BPE Type A Ferrule x 1-1/2" Hose	170.1	11.7	170.1	11.7	124.7	8.6
2" ASME BPE Type A Ferrule x 2" Hose	170.1	11.7	170.1	11.7	107.3	7.4
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" ASME BPE Type A Ferrule x 2-1/2" Hose	170.1	11.7	170.1	11.7	87.0	6.0
3" ASME BPE Type A Ferrule x 3" Hose	170.1	11.7	150.8	10.4	75.4	5.2
4" ASME BPE Type A Ferrule x 4" Hose	134.9	9.3	107.3	7.4	53.7	3.7
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)
1/2" ASME BPE Type B Ferrule 90° Elbow x 1/2" Hose	170.1	11.7	170.1	11.7	170.1	11.7
3/4" ASME BPE Type B Ferrule 90° Elbow x 3/4" Hose	170.1	11.7	170.1	11.7	170.1	11.7
1" ASME BPE Type A Ferrule 90° Elbow x 1" Hose	170.1	11.7	170.1	11.7	166.8	11.5
1-1/2" ASME BPE Type A Ferrule 90° Elbow x 1-1/2" Hose	170.1	11.7	170.1	11.7	124.7	8.6
2" ASME BPE Type A Ferrule 90° Elbow x 2" Hose	170.1	11.7	170.1	11.7	107.3	7.4
Process Connection Size x Hose Size	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" ASME BPE Type A Ferrule 90° Elbow x 2-1/2" Hose	170.1	11.7	170.1	11.7	87.0	6.0
3" ASME BPE Type A Ferrule 90° Elbow x 3" Hose	170.1	11.7	150.8	10.4	75.4	5.2
4" ASME BPE Type A Ferrule 90° Elbow x 4" Hose	134.9	9.3	107.3	7.4	53.7	3.7

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections	Corroflon Hose - Lined and Non-Lined Fittings CL150 ASME B16.5 Flanged Type 304SS					
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 100°F(psig)	MAWP at 38°C(barg)	MAWP at 100°F(psig)	MAWP at 38°C(barg)	MAWP at 100°F(psig)	MAWP at 38°C(barg)
1/2" Flange x 1/2" Hose	275.0	18.96	275.0	18.96	232.1	16.00
3/4" Flange x 3/4" Hose	275.0	18.96	275.0	18.96	203.1	14.00
1" Flange x 1" Hose	275.0	18.96	275.0	18.96	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	275.0	18.96	275.0	18.96	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	275.0	18.96	266.9	18.40	133.4	9.20
2" Flange x 2" Hose	275.0	18.96	232.1	16.00	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	232.1	16.00	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00
Process Connection Size x Hose Size	MAWP at 200°F(psig)	MAWP at 93°C(barg)	MAWP at 200°F(psig)	MAWP at 93°C(barg)	MAWP at 200°F(psig)	MAWP at 93°C(barg)
1/2" Flange x 1/2" Hose	230.0	15.86	230.0	15.86	230.0	15.86
3/4" Flange x 3/4" Hose	230.0	15.86	230.0	15.86	203.1	14.00
1" Flange x 1" Hose	230.0	15.86	230.0	15.86	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	230.0	15.86	230.0	15.86	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	230.0	15.86	230.0	15.86	133.4	9.20
2" Flange x 2" Hose	230.0	15.86	230.0	15.86	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	230.0	15.86	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00
Process Connection Size x Hose Size	MAWP at 300°F(psig)	MAWP at 149°C(barg)	MAWP at 300°F(psig)	MAWP at 149°C(barg)	MAWP at 300°F(psig)	MAWP at 149°C(barg)
1/2" Flange x 1/2" Hose	204.9	14.13	204.9	14.13	204.9	14.13
3/4" Flange x 3/4" Hose	204.9	14.13	204.9	14.13	203.1	14.00
1" Flange x 1" Hose	204.9	14.13	204.9	14.13	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	204.9	14.13	204.9	14.13	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	204.9	14.13	204.9	14.13	133.4	9.20
2" Flange x 2" Hose	204.9	14.13	204.9	14.13	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	204.9	14.13	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections	Corroflon Hose - Lined and Non-Lined Fittings CL150 ASME B16.5 Flanged Type 304SS					
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)
1/2" Flange x 1/2" Hose	190.0	13.10	190.0	13.10	190.0	13.10
3/4" Flange x 3/4" Hose	190.0	13.10	190.0	13.10	188.6	13.00
1" Flange x 1" Hose	190.0	13.10	190.0	13.10	166.8	11.50
1-1/4" Flange x 1-1/4" Hose	190.0	13.10	190.0	13.10	145.0	10.00
1-1/2" Flange x 1-1/2" Hose	190.0	13.10	190.0	13.10	124.7	8.60
2" Flange x 2" Hose	190.0	13.10	190.0	13.10	107.3	7.40
Process Connection Size x Hose Size	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" Flange x 2-1/2" Hose	190.0	13.10	172.6	11.90	87.0	6.00
3" Flange x 3" Hose	188.6	13.00	150.8	10.40	75.4	5.20
4" Flange x 4" Hose	134.9	9.30	107.3	7.40	53.7	3.70
6" Flange x 6" Hose	68.2	4.70	53.7	3.70	27.6	1.90

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections	Corroflon Hose - Lined and Non-Lined Fittings CL150 ASME B16.5 Flanged Type 316SS					
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 100°F(psig)	MAWP at 38°C(barg)	MAWP at 100°F(psig)	MAWP at 38°C(barg)	MAWP at 100°F(psig)	MAWP at 38°C(barg)
1/2" Flange x 1/2" Hose	275.0	18.96	275.0	18.96	232.1	16.00
3/4" Flange x 3/4" Hose	275.0	18.96	275.0	18.96	203.1	14.00
1" Flange x 1" Hose	275.0	18.96	275.0	18.96	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	275.0	18.96	275.0	18.96	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	275.0	18.96	266.9	18.40	133.4	9.20
2" Flange x 2" Hose	275.0	18.96	232.1	16.00	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	232.1	16.00	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00
Process Connection Size x Hose Size	MAWP at 200°F(psig)	MAWP at 93°C(barg)	MAWP at 200°F(psig)	MAWP at 93°C(barg)	MAWP at 200°F(psig)	MAWP at 93°C(barg)
1/2" Flange x 1/2" Hose	235.0	16.20	235.0	16.20	232.1	16.00
3/4" Flange x 3/4" Hose	235.0	16.20	235.0	16.20	203.1	14.00
1" Flange x 1" Hose	235.0	16.20	235.0	16.20	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	235.0	16.20	235.0	16.20	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	235.0	16.20	235.0	16.20	133.4	9.20
2" Flange x 2" Hose	235.0	16.20	232.1	16.00	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	232.1	16.00	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00
Process Connection Size x Hose Size	MAWP at 300°F(psig)	MAWP at 149°C(barg)	MAWP at 300°F(psig)	MAWP at 149°C(barg)	MAWP at 300°F(psig)	MAWP at 149°C(barg)
1/2" Flange x 1/2" Hose	214.9	14.82	214.9	14.82	214.9	14.82
3/4" Flange x 3/4" Hose	214.9	14.82	214.9	14.82	203.1	14.00
1" Flange x 1" Hose	214.9	14.82	214.9	14.82	179.8	12.40
1-1/4" Flange x 1-1/4" Hose	214.9	14.82	214.9	14.82	156.6	10.80
1-1/2" Flange x 1-1/2" Hose	214.9	14.82	214.9	14.82	133.4	9.20
2" Flange x 2" Hose	214.9	14.82	214.9	14.82	116.0	8.00
2-1/2" Flange x 2-1/2" Hose	214.9	14.82	185.7	12.80	87.0	6.00
3" Flange x 3" Hose	203.1	14.00	162.4	11.20	81.2	5.60
4" Flange x 4" Hose	145.0	10.00	116.0	8.00	58.0	4.00
6" Flange x 6" Hose	72.5	5.00	58.0	4.00	29.0	2.00

SCOPE OF CRN REGISTRATION

PRESSURE - TEMPERATURE RATINGS						
Process Connections	Corroflon Hose - Lined and Non-Lined Fittings CL150 ASME B16.5 Flanged Type 316SS					
Service Type	Group 1		Group 2		Group 3 (Note 2 - Important)	
Process Connection Size x Hose Size	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)
1/2" Flange x 1/2" Hose	194.9	13.44	194.9	13.44	194.9	13.44
3/4" Flange x 3/4" Hose	194.9	13.44	194.9	13.44	188.6	13.00
1" Flange x 1" Hose	194.9	13.44	194.9	13.44	166.8	11.50
1-1/4" Flange x 1-1/4" Hose	194.9	13.44	194.9	13.44	145.0	10.00
1-1/2" Flange x 1-1/2" Hose	194.9	13.44	194.9	13.44	124.7	8.60
2" Flange x 2" Hose	194.9	13.44	194.9	13.44	107.3	7.40
Process Connection Size x Hose Size	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 400°F(psig)	MAWP at 204°C(barg)	MAWP at 327°F (psig)	MAWP at 164°C (barg)
2-1/2" Flange x 2-1/2" Hose	194.9	13.44	172.6	11.90	87.0	6.00
3" Flange x 3" Hose	188.6	13.00	150.8	10.40	75.4	5.20
4" Flange x 4" Hose	134.9	9.30	107.3	7.40	53.7	3.70
6" Flange x 6" Hose	68.2	4.70	53.7	3.70	27.6	1.90

SCOPE OF CRN REGISTRATION

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.

Note 2: In all cases the Group 3 Steam Service MAWP stated shall be further limited, where applicable, to the steam saturation pressure at temperature.

Note 3: Linear interpolation of pressure ratings between temperatures is allowed.

Note 4: The Maximum Allowable Working Pressure (MAWP) is the maximum allowed under this CRN. Aflex may limit certain hose applications to lower pressures than specified above. Please consult Aflex literature.

Note 5: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 6: The ASME BPE / DIN 32676 Ferrule connection shall be used with a clamp, however the assembly clamp is not part of this CRN. Pressure-Temperature ratings may be limited by the clamp type used in the joint assembly. The clamp used to complete the joint shall have its own CRN and shall have pressure-temperature ratings the same or higher than the product ratings.

Note 7: See attached Worldwide Locations Appendix for the manufacturing locations applicable to this CRN.

	Technical Safety Authority of Saskatchewan
Registration No.	0D26115.53
File No.	103728
	Registered
Date:	October 9, 2025
Expiry Date:	September 15, 2035
Codes & Standards Compliance Office	



WORLDWIDE LOCATIONS APPENDIX

AFLEX HOSE MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. November 19, 2024)

Aflex Hose Ltd.

Bradley Business Park
Dyson Wood Way
Bradley
Huddersfield
HD2 1GZ
United Kingdom

ISO 9001 Certified by bsi

In addition, in accordance with CSA B51 paragraph 4.2.5 Aflex Hose Ltd. is taking responsibility for the product covered under this CRN that is manufactured at:

Watson-Marlow, Inc.

37 Upton Technology Park
Wilmington, MA, 01887
USA

ISO 9001 Certified by TUV

Watson-Marlow America Manufacturing Inc.

16 Bulge Road
Devens MA 01434
USA

ISO 9001 Certified by TUV