

December 04, 2025

Attention: Cecylia Garbacz
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, Tracking Number 2025-05483, Web Portal Number 2025-S4438, originally received on August 21, 2025 was surveyed and accepted for registration as follows:

CRN : 0D26004.52 **Accepted on:** December 04, 2025
Reg Type: NEW DESIGN **Expiry Date:** July 22, 2035
Document No. Scope of Registration (Dated July 21, 2025)
Fitting type: Biopure Flexible Hose Assemblies
Design registered in the name of : AFLEX HOSE LTD

The registration is conditional on your compliance with the following notes:

- Per client confirmation, fittings included in this registration shall not be used in cyclic service
- Fittings are registered based on the understanding that the scope is fully compliant with ARPM IP-2 as permitted by CSA B51-19
- Design Report R-1319B Rev. 0 (dated May 22, 2025)

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction are ASME B31.3 and other engineering analysis.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any questions don't hesitate to contact me by phone at (587) 686-9372 or fax (780) 437-7787 or e-mail Bohuch@absa.ca.

Sincerely,



BOHUCH, DAN, P. Eng.
DOP Cert. No. D00010785

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Dr. Leigh Mulvaney-Johnson, PHD CENG (MIMECHE), Technical Manager
(name of applicant) (position title) (must be in a position of authority)
of Aflex Hose Ltd.
(name of manufacturer)
located at Bradley Business Park, Dyson Wood Way, Bradley, Huddersfield,
HD2 1GZ, United Kingdom
(plant address)

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



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only 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
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Flexible Hose Assemblies	ISO 9001:2015	See Scope of CRN	Various - See Worldwide Locations Appendix	Various - See Worldwide Locations Appendix	Various - See Worldwide Locations Appendix
2.						

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

SCOPE OF CRN, DRAWINGS, CALCULATIONS, REPORTS

L. Mahony
(Signature of the Declarer)

12 June 2024
(Date)

DECLARED before me at Hebden Bridge in the Comm of West Yorkshire
(city) (province, territory, or state)

this 12th day of June, 2024
(Month) (Year)

(print) MARY MAHON
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]
(a Commissioner of Oaths or Notary Public)

12/06/24
(expiry date (mm/dd/yy))

mary mahon
SOLICITOR

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

Commissioner of Oaths / Notary Public in and for: United Kingdom
(province, territory, or state)

For ABSA Office Use Only:

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

Registered Date: _____

Expiry Date: _____

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2025-05483

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0D26004.52

See acceptance letter for conditions of registration.

Date: 2025-12-04 By: D. Bohuch

DAN BOHUCH, P. Eng.
DOP: D00010785

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



AFLEX HOSE or "AFLEX"

STATUTORY DECLARATION Registration of Fittings

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

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of AFLEX Hose Ltd.

(Name of Manufacturer)

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

(Plant Address)

(Telephone No.)

(Fax No.)



do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of
ASME B31.3, ASME BPE, ARPM IP-2

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;



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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015
which has been verified by the following authority, bsi, TUV, LRQA

The items covered by this declaration, for which I seek registration, are category D - Flexible Hose Assemblies type fittings. In support of this application, the following information and/or test data are attached as follows:

SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at Hebden Bridge in the County of West Yorkshire
the 12th day of June AD 2024
MARY MAITON
SOLICITOR

TEL: 01422 844997 FAX: 01422 844797

EMAIL: mary@marymahonsolicitor.co.uk

8 WRAGLEY HOUSE, VALLEY ROAD

HEBDEN BRIDGE, WEST YORKSHIRE HX7 7BN

Commissioner for Oaths:

MARY MAITON

(Printed name)

[Signature]

(Signature)

L. Mulvaney-Johnson

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category _____

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

PV 09553 (04/17)



Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	FLEXIBLE HOSE ASSEMBLIES	
2	SCOPE OF CRN, REPORTS	
3	DRAWINGS	
4	CALCULATIONS	
5	COMPANY LOGO - SEE RIGHT	



2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.


2.1 Design

I, the undersigned, Dr. Leigh Mulvaney-Johnson PHD CENG (MIMECHE) Technical Manager
(Name of the person in charge) (Title of the person in charge)
from Aflex Hose Ltd. Bradley Business Park, Dyson Wood Way, Bradley, Huddersfield,
(Company's name) located at HD2 1GZ, United Kingdom (Plant's address)
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:
☒ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose
or ASME B31.3, ASME BPE, ARPM IP-2
☐ are not covered by the ANSI/ASME codes, but are in compliance with _____
(Name of code or standard)
code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the
following code: ISO 9001:2015 , and has been verified by bsi, TUV, LRQA
(Name of code) (Authorized agency)
Signature of the person in charge: L. Mulvaney-Johnson Date (yyyy-mm-dd): 2024-06-12

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at <u>Hebden Bridge</u> , on <u>2024-06-12</u> .	
(Location)	(Date (yyyy-mm-dd)):
Signature of commissioner for oaths: <u>Mary Mahon</u>	Date (yyyy-mm-dd): <u>2024-06-12</u>
Stamp the seal: 	

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.	
This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.	
Canadian registration number (CRN):	Registration date (yyyy-mm-dd):

Documents to attach

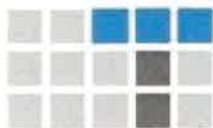
Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.



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)

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



AFLEX HOSE

OR
"AFLEX"

of: Aflex Hose Ltd.

(name of manufacturer)

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 hereinunder, 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, LRQA 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 Hersham Bridge the County of West Yorkshire

this 12th day of June, 2024

MARY MAHON

(print name)

(Signature)

(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 _____

(Registration Number)

(Date Registered – MM DD YYYY)

(Expiry Date – MM DD YYYY)

(For the Administrator / Chief Inspector)

mary mahon
S O L I C I T O R

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

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



Statutory Declaration Registration of Fitting

Note: The information on this form is collected to administer the provisions of the BC Safety Standards Act and section 26 of the Freedom of Information and Protection of Privacy Act. If you have questions about the collection, use, or disclosure of this information, contact the Records, Information & Privacy Analyst at 1-866-566-7233.

1. This form shall be completed and signed by the President or highest official in the manufacturing plant where the fitting is produced.
2. One electronic copy of the completed original of the Statutory Declaration form together with one copy of Catalogues, drawings or bulletins illustrating above fittings shall be submitted.
3. All fittings are required to be registered in the Name of the Manufacturer.

(Provide a facsimile of the manufacturer's logo or trademark as it will appear on the fitting.)



AFLEX HOSE

or "AFLEX"

A. Design Qualification

I, Dr. Leigh Mulvaney-Johnson, PHD (CENG) (MIMECHE), Technical Manager
(See Note 1) (Position e.g., president, plant manager, chief engineer)

of Aflex Hose Ltd.
(Name of Company)

located at Bradley Business Park, Dyson Wood Way, Bradley, Huddersfield, HD2 1GZ, United Kingdom
(Plant Address)

do solemnly declare that the fittings listed hereunder comply with all the:

☒ Requirements of the ANSI/ASME codes ASME B31.3, ASME BPE, ARPM IP-2 as to their dimensions, material, identification and service for which they are required; **OR** (Detail specific code)

☐ Are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code or standard and are designed to the best current engineering practice, as shown by the supporting calculations and test data.



B. Quality Control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001: 2015, and has been verified by the following authority of Authorized Inspection Agency: bsi, TUV, LRQA
(detail specific code) (Authority or AIA)

The fittings covered by this declaration for which I seek registration are Category D - Flexible Hose Assemblies
(List all fittings and models on separate sheet if necessary)

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

Scope of CRN Registration, Reports, Drawings, Calculations

Declared before me at Hebden Bridge in the County of West Yorkshire the 17th day of June AD 2024

Commissioner for Oaths 
Signature of Declarer

C. For Office Use Only

The application is accepted for registration in Category _____ in accordance with CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN _____

For the Chief Inspector _____

Date: _____

FRM-1124-04 (2024-01-08)

mary mahon
SOLICITOR

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


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

New Brunswick
Nunavut




Nova Scotia
Yukon

Prince Edward Island
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: Aflex Hose Inc.	
Manufacturers Address: Bradley Business Park, Dyson Wood Way, Bradley, Huddersfield, HD2 1GZ, United Kingdom	
Plant Locations: See Worldwide Locations Appendix	
<p>Category of Fittings to be registered. Circle one Category only</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p>C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p>	<p>Title of the Standard of Construction</p> <p>- ASME B31.3</p> <p>- ASME BPE</p> <p>- ARPM IP-2</p>
<p>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</p> <p> AFLEX HOSE or "AFLEX"</p>	<p>Type of Construction</p> <p>Forged <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/></p> <p>Cast <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Describe other:</p> <p>Non-Metal</p>
<p>List of supporting documentation and identification of the actual items to be registered:</p> <p>- FLEXIBLE HOSE ASSEMBLIES SCOPE OF CRN REGISTRATION, REPORTS, DRAWINGS, CALCULATIONS.</p>	

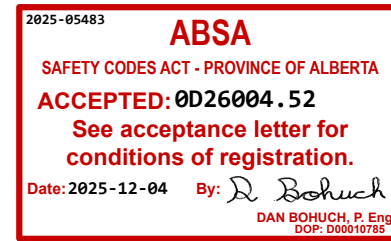
Dr. Leigh Mulvaney-Johnson
Declaration: PHD CENG (MIMECHE)
 I (see note 3) employed by Aflex Hose Ltd. and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by ISO 9001:2015 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: 
 Declared before me at Hebden Bridge
 This 12th day of June AD 2024
 Commissioner of Oaths 
 Or Notary Public: (sign) 
 (Affix Official seal to the right)

mary marion
 SOLICITOR
 TEL: 01422 844997 FAX: 01422 844797
 EMAIL: mary@marymarionsolicitors.co.uk
 8 WRAGLEY HOUSE, VALLEY ROAD
 HEBDEN BRIDGE, WEST YORKSHIRE HX7 7BN

<p>This space for Regulatory Authority use.</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: _____</p> <p>FID#: _____</p> <p>Notes:</p> <ol style="list-style-type: none"> All Fittings shall be registered in the name of the Manufacturer. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality Control programs shall be resubmitted for validation. <p>11/2016</p>	<p>Sect 1.0 - Fittings Rev.2</p>
--	----------------------------------

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



July 21, 2025

SCOPE OF CRN REGISTRATION

This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

PAGE 1 OF 2

Hose Type(s) Biopure Platinum-Cured Silicone Hose Assemblies

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
Biopure Flexible Hose Assemblies	ASME B31.3, ASME BPE	ASTM A479-304/304L, ASTM A479-316/316L Platinum-Cured Silicone	- 65°C / -85°F	R-1319B Rev. 0

PRESSURE - TEMPERATURE RATINGS

Process Connections		ASME BPE Ferrule Sizes 3/8", 1/2", 3/4", 1", 1-1/2"				
Service Type	Group 1		Group 2		Group 3	
Hose Bore	MAWP at 38°C (barg)	MAWP at 100°F (psig)	MAWP at 38°C (barg)	MAWP at 100°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)
3/8"	4.0	58	4.0	58	1.9	28
1/2"	3.5	51	3.5	51	1.7	25
3/4"	3.1	45	3.1	45	1.5	22
1"	2.1	30	2.1	30	1.0	15
Hose Bore	MAWP at 204°C (barg)	MAWP at 400°F (psig)	MAWP at 204°C (barg)	MAWP at 400°F (psig)	"Not suitable for continuous steam service"	
3/8"	1.9	28	1.9	28		
1/2"	1.7	25	1.7	25		
3/4"	1.5	22	1.5	22		
1"	1.0	15	1.0	15		

AFLEX HOSE LTD.

BRADLEY BUSINESS PARK
DYSON WOOD WAY
BRADLEY, HUDDERSFIELD
HD2 1GZ, UNITED KINGDOM



July 21, 2025

SCOPE OF CRN REGISTRATION

PAGE 2 OF 2

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

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 3: The ASME BPE 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 4: The following ASME BPE process connections can be supplied based on the Hose Bore size

Hose Bore	Available ASME BPE Ferrule Table DT-7-1 Process Connection
3/8"	3/8" Type A, 1/2" Type A, 3/4" Type A
1/2"	1/2" Type A, 3/4" Type A, 1" Type A, 1" Type B
3/4"	3/4" Type A, 1" Type A, 1" Type B
1"	1" Type A, 1" Type B, 1-1/2" Type B

Note 5: The Biopure Platinum-Cured Silicone Hose Assemblies are not suitable for vacuum service.

Note 6: The conditions of design and service shall be within the limitations of the hose assembly as recommended by the manufacturer. Precautions of ASME B31.3 Appendix F, paras. F323 and para FA323, as applicable, shall be considered by the end user for selection of hoses.

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



WORLDWIDE LOCATIONS APPENDIX

AFLEX HOSE MANUFACTURING LOCATIONS & CERTIFYING AUTHORITIES

(rev. November 24, 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

Bio Pure Technology Ltd.

Unit 5, Dunsbury Park,
Fitzwygram Way,
Havant, Portsmouth,
PO9 4EE, Hampshire, United Kingdom

ISO 9001 Certified by LRQA