



# AQUALINE

## Braided Stainless Steel Water Flexible Hoses

### BPIR Declaration

Version: V1

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#### Designated building product: Class 1

#### Declaration

Aqualine Trading Limited has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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#### Product/system

Name	Braided Stainless Steel Water Flexible Hoses
Line	
Identifier	BSSH

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#### Description

Braided Stainless Steel Water Flexible Hoses.

- Maximum Working pressure 10 Bar, Temperature 0°C - 80°C, Stainless Steel Braid over EPDM tube, Tapered EPDM seals, Fitted with Teflon Slip Washer
- Available in the below lengths; 100mm 150mm 200mm 225mm 300mm 400mm 500mm 600mm

Aqualine Trading Limited  
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- Available with Elbow connection in the below lengths 100mm 150mm 300mm 400mm
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## Scope of use

- Can be used in residential and small commercial applications
  - For the supply of hot and cold potable water up to 80°C and 10 bar
  - Suitable for use in buildings where water is required to be supplied up to a maximum temperature of 80°C
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## Conditions of use

- Maximum temperature must not exceed 80 degrees
  - Maximum Working pressure is 10 Bar
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## Relevant building code clauses

B2 Durability – B2.3.1 (b)  
F2 Hazardous building materials – F2.3.1  
G10 Piped services – G10.3.1  
G12 Water Supplies – G12.3.2, G12.3.7  
H1 Energy efficiency – H1.3.3

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## Contributions to compliance

- Complies to AS/NZS 3499:2006 - Water Supply - Flexible hose assemblies
- Watermark Certificate No:WMKA20101



## Supporting documentation

The following additional documentation supports the above statements:

<b>AS017099.WMKA20101.4-Water Flexi Hose WATERMARK (Certification)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Warranty Statement-Water Flexi Hose (Warranty)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Installation manual-Water Flexi Hose (Installation)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>
<b>Product reliability test plan-Water Flexi Hose (Maintenance)</b>	Version 1	<a href="https://aqualine.co.nz/pages/downloads">https://aqualine.co.nz/pages/downloads</a>

For further information supporting Braided Stainless Steel Water Flexible Hoses claims refer to our website.

## Contact details

<b>Manufacture location</b>	Overseas
<b>Legal and trading name of manufacturer</b>	Yuhuan Jianglin Plumbing Hose & Parts Inc.
<b>Legal and trading name of importer</b>	Aqualine Trading Limited
<b>Importer address for service</b>	7 Winston Place Auckland 0654
<b>Importer website</b>	<a href="http://www.aqualine.co.nz">www.aqualine.co.nz</a>
<b>Importer NZBN</b>	9429051344122



# AQUALINE

Importer email

[\[email protected\]](#)

Importer phone number

098372725

## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Braided Stainless Steel Water Flexible Hoses is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Aqualine Trading Limited**:

Jeff La Haye  
Managing Director  
November 2023

### AQUALINE TRADING LIMITED

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## Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

### BPIR Ready selections

Category: Potable water conveying systems

	Yes	No
Intended for hot water transmission	x	
Capable of being permanently concealed		x

### Building code performance clauses

#### B2 Durability

B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (b) 15 years if: those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.



## **F2 Hazardous building materials**

### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction of buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

## **G10 Piped services**

### G10.3.1

Piping systems shall be constructed to avoid the likelihood of:

- a. significant leakage or damage during normal or reasonably foreseeable abnormal conditions,
- b. detrimental contamination of the contents by other substances,
- c. adverse interaction between services, or between piping and electrical systems, and
- d. people having contact with pipes which could cause them harm.

## **G12 Water Supplies**

### G12.3.2

A potable *water supply system* must be—

- a. protected from contamination; and
- b. installed in a manner that avoids the likelihood of contamination within the system and the water main; and
- c. installed using components that will not contaminate the water.

### G12.3.7



*Water supply systems* must be installed in a manner that

- a. pipes water to *sanitary fixtures* and *sanitary appliances* at flow rates that are *adequate* for the correct functioning of those *fixtures* and *appliances* under normal conditions; and
- b. avoids the likelihood of leakage; and
- c. allows reasonable access to components likely to need maintenance; and
- d. allows the system and any backflow prevention devices to be isolated for testing and maintenance.

## **H1 Energy efficiency**

### H1.3.3

Account must be taken of physical conditions likely to affect energy performance of buildings, including

- a. the thermal mass of *building elements*; and
- b. the building orientation and shape; and
- c. the airtightness of the building envelope; and
- d. the heat gains from services, processes and occupants; and
- e. the local climate; and
- f. heat gains from solar radiation.