



# CLIMFLEX® BI-C13 / C19

## Butyl insulated hose with stainless steel braid

### DN15 to 26

## Air conditioning

### Air conditioning units



#### ► Composition:

- Butyl tube
- AISI 304 stainless steel braid with double blue edging
- Brass fittings (except nickel-plated brass elbow DN20 and 26)
- Stainless steel crimping bushings
- Thermal insulation Euroclass B S3D0 thickness 13 or 19 mm
- Optional cups

#### ► Sealing:

- Flat gasket on flat seat (optional)

#### ► Standard lengths:

300, 500, 700, 1000 mm

#### ► Application:

Hot and chilled water supply for "fan coil - heat pump - cassette" type terminal air conditioning units

#### ► Technical data

Minimum temperature

**-15°C**

Maximum temperature

**+90°C (peaks to +110°C)**



Max operating pressure

**16 Bar (DN15)**

**10 Bar (DN20 and 26)**



Glycol water flow rate up to 40% (for larger capacities, contact us)



Diameters excluding thermal insulation

**15 x 22 mm (DN15)**

**20 x 28 mm (DN20)**

**26 x 35 mm (DN26)**



Oxygen barrier according to DIN 4726 preventing the formation of sludge, micro-organisms and algae



### CUSTOM OFFER

- Specific length: **150 mm to over 10,000 mm**  
MOQ depending on the desired length
- Customisable fittings: diameter, material, etc.
- Customisable packaging: contact us

### ► Assembled hoses / References & Configurations

| Reference<br>13 mm thermal<br>insulation | Reference<br>19 mm thermal<br>insulation | DN<br>(mm) | Hose                                                                                | Fitting 1<br>Thread |      | Fitting 2<br>Thread |      | Bending radius<br>(mm) |
|------------------------------------------|------------------------------------------|------------|-------------------------------------------------------------------------------------|---------------------|------|---------------------|------|------------------------|
| BI15P2M2-C13                             | BI15P2M2-C19                             | 15         |  | Female              | 1/2" | Male                | 1/2" | 88                     |
| BI15P4M4-C13                             | BI15P4M4-C19                             |            |                                                                                     |                     | 3/4" |                     | 3/4" |                        |
| BI20P4M4-C13                             | BI20P4M4-C19                             | 20         |                                                                                     |                     | 3/4" |                     | 3/4" | 112                    |
| BI25P5M5-C13                             | BI25P5M5-C19                             | 26         |                                                                                     |                     | 1"   |                     | 1"   | 140                    |
| BI15P2P2-C13                             | BI15P2P2-C19                             | 15         |  | Female              | 1/2" | Female              | 1/2" | 88                     |
| BI15P4P4-C13                             | BI15P4P4-C19                             |            |                                                                                     |                     | 3/4" |                     | 3/4" |                        |
| BI20P4P4-C13                             | BI20P4P4-C19                             | 20         |                                                                                     |                     | 3/4" |                     | 3/4" | 112                    |
| BI25P5P5-C13                             | BI25P5P5-C19                             | 26         |                                                                                     |                     | 1"   |                     | 1"   | 140                    |
| BI15P2C2-C13                             | BI15P2C2-C19                             | 15         |  | Female              | 1/2" | Angled              | 1/2" | 88                     |
| BI15P4C4-C13                             | BI15P4C4-C19                             |            |                                                                                     |                     | 3/4" |                     | 3/4" |                        |
| BI20P4C4-C13                             | BI20P4C4-C19                             | 20*        |                                                                                     |                     | 3/4" |                     | 3/4" | 112                    |
| BI26P5C5-C13                             | BI26P5C5-C19                             | 26*        |                                                                                     |                     | 1"   |                     | 1"   | 140                    |

\* Female nickel-plated brass angled fitting



IFT Groupe Omerin SAS  
Zone Industrielle - F 63600 Ambert  
Tel: +33 (0)4 73 82 32 33  
ift@omerin.com

[www.flexibles.com](http://www.flexibles.com)

The information provided on this data sheet is indicative and subject to change without notice. All hoses ordered must comply with IFT's installation recommendations, which can be viewed in its catalogue. IFT can under no circumstances be held liable for any incidents arising from inappropriate use, particularly in the case of installation not carried out in accordance with the rules of the trade and the standards in force. © Registered trademark of IFT. Drawings and photos are not contractually binding. Reproduction is prohibited without the prior consent of IFT.