

## 1HNB: Bend 90° HN90-110



### Commercial information

The Henco Super Size range refers to the Henco multilayer pipe and the Henco fittings in diameters 75 - 90 - 110 mm, with reducing couplings for diameters 32 - 40 - 50 - 63 mm. The fittings assure a complete multilayer piping system with multiple variations for distribution and riser systems. The numerous combinations and the revolutionary connection technique make this system extremely flexible. The Henco Super Size fittings are made of the Polyvinylidene Fluoride (PVDF), a high quality synthetic material. The PVDF offers the user a unique combination of properties:

- corrosion resistant
- excellent mechanical strength and hardness
- resistant to extreme temperatures: from -40°C to +150°C
- approved for contact with water and food
- a maximum working pressure up till 10 bar and a maximum working temperature up till 95°C

All these favourable properties make this multilayer system suitable for numerous applications such as drinking water installations, heating installations and installations in the chemical and food industry. The Henco Super Size fittings are just like all other Henco fittings designed with a leak before press detection.

#### Basic unit dimensions

|            |          |
|------------|----------|
| Height     | 114 mm   |
| Length     | 135 mm   |
| Width      | 135 mm   |
| Net weight | 0.627 kg |

#### Certificates

#### Applications

Potable water, Heating, Cooling, Sanitary

#### Solutions

Building installations, Industry, Utility

## Technical characteristics

|                                 |   |                                     |                        |
|---------------------------------|---|-------------------------------------|------------------------|
| Material connection 1           | Polyvinylidene fluoride (PVDF)                    | Bend radius                         | 90 Millimetre          |
| Material quality connection 1   | Polyvinylidene fluoride (PVDF)<br>(expired)       | Outer pipe diameter connection 1    | 90 Millimetre          |
| Surface protection connection 1 | Untreated   | Outer pipe diameter connection 2    | 90 Millimetre          |
| Surface treatment connection 1  | Untreated   | Zeta value                          | 1.749                  |
| Material connection 2           | Plastic (expired)                                 | Length                              | 135 Millimetre         |
| Material quality connection 2   | Polyvinylidene fluoride (PVDF)<br>(expired)       | Length of connection 1              | 77.5 Millimetre        |
| Surface protection connection 2 | Untreated   | Length of connection 2              | 77.5 Millimetre        |
| Surface treatment connection 2  | Untreated   | Wrench width union nut              | 0 Millimetre           |
| Shape                           | Bend  | Medium temperature<br>(continuous)  | -10 70 Degrees celsius |
| Reducing                        | ✗   | Max. operating pressure at 20<br>°C | 10 Bar                 |
| Eccentric                       | ✗   | Standard Dimension Ratio<br>(SDR)   | 0                      |
| System specific                 | ✓   |                                     |                        |
| Connection 1                    | Press sleeve                                      |                                     |                        |
| Connection 2                    | Press sleeve                                      |                                     |                        |
| Main colour fitting             | Black   |                                     |                        |
| Material sealing                | Ethylene-propylene diene monomer<br>rubber (EPDM) |                                     |                        |
| With buffer stud                | ✗   |                                     |                        |
| Self-sealing                    | ✗   |                                     |                        |
| Ring stiffness class            | Other   |                                     |                        |
| With sealing rings/gaskets      | ✓   |                                     |                        |
| Capped                          | ✗   |                                     |                        |
| With drain valve                | ✗   |                                     |                        |
| FM quality mark                 | ✗   |                                     |                        |
| LPCB quality mark               | ✗   |                                     |                        |
| ULC quality mark                | ✗   |                                     |                        |
| UL quality mark                 | ✗   |                                     |                        |
| VdS quality mark                | ✗   |                                     |                        |
| KIWA certified                  | ✗   |                                     |                        |
| Gastec QA mark                  | ✗   |                                     |                        |