



# FLEXIBLE WATER HOSES



Ningbo Hongwu Pipe Industry Co., Ltd

Water System



HONGWU flexible water hoses are manufactured according with EN ISO10380, available from DN8 to Dn50.

#### Features:

- Quick & Easy Installation
- Required Tools: Tubing Cutter, Wrenches, clamping tool
- Fewer Fittings, Less Waste
- Light weight & Flexible
- 100% Factory Pressure Tested

#### Norm: EN ISO 10380:

- Bright annealed (in hydrogen atmosphere by 1050 – 1100° C)
- Tubing Material: stainless steel 304/316L
- Pipe diameter: DN8 – DN50

#### Dimensional Characteristics:

| Dimension | Outer Diameter | Inner Diameter | Material Thickness | Customization is Acceptable |
|-----------|----------------|----------------|--------------------|-----------------------------|
| DN8       | 12             | 8              | 0.25               |                             |
| DN12      | 16             | 12             | 0.3                |                             |
| DN15      | 20             | 16             | 0.3                |                             |
| DN20      | 25             | 20             | 0.3                |                             |
| DN25      | 33             | 26             | 0.3                |                             |



# GAS CSST SYSTEM



## Description

HONGWUGAS™ is a corrugated stainless steel pliable tubing complying with EN15266 "Stainless steel pliable corrugated tubing kits in buildings for gas". Manufacturing materials are: EN1.4404 type 316L corrugated stainless steel tubing, jacketing of UV resistant polyethylene meeting the requirements of EN13501 for flame spread and smoke density. All mechanical tube fittings are complying with EN12164/EN12165 with our unique designed fittings.

## Features:

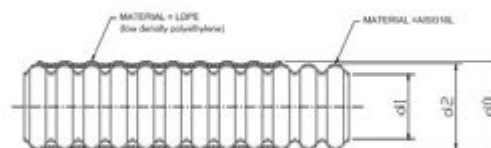
- Quick & Easy Installation
- Required Tools: Tubing Cutter, Utility Knife, Wrenches
- Fewer Fittings, Less Waste
- Polyethylene Jacket
- Pre-Marked by the Meter
- Lightweight & Flexible
- 100% Factory Pressure Tested

## Certificate:

- DIN EN15266
- DVGW G5616
- ISO 9001:2008
- ISO 14001:2004

## Technical Data:

General



|                                  |                           |
|----------------------------------|---------------------------|
| Max. Approved Operating Pressure | 500 mbar                  |
| Tubing Material                  | EN1.4404                  |
| Jacket Material                  | UV Resistant Polyethylene |
| Rating (PE Jacket)               | B -S1, d0                 |

## Dimensional Characteristics

| CSSP tubing size in mm            | DN15 | DN20 | DN25 | DN32 |
|-----------------------------------|------|------|------|------|
| Outside diameter with covering d0 | 19.7 | 26.6 | 34.0 | 40.0 |
| Outside diameter with covering d2 | 18.5 | 25.4 | 32.8 | 38.8 |
| Inner diameter d1                 | 14.8 | 20.8 | 26.6 | 32.0 |
| Material thickness                | 0.25 | 0.25 | 0.25 | 0.3  |

## Male Mechanical Joints

### Features:

- Male BSPT Body, Copper gasket, Retainer, Nut
- Tool-Less Flare Fitting Design
- Metal-to-Metal Seal
- Self-Guiding Fitting Assembly

### Technical Data

- Max. Approved Operating Pressure: 500 mbar
- Fitting Material: CW612N
- Gasket Material: CW004A

### Dimensional Characteristics

| Dimensions      | Item No     |
|-----------------|-------------|
| DN 15 x R1/2"   | MMJ-15-12R  |
| DN 20 x R3/4"   | MMJ-20-34R  |
| DN 25 x R1"     | MMJ-25-10R  |
| DN 32 x R1 1/4" | MMJ-32-114R |



## Female Mechanical Joints

### Features:

- Female BSPT Body, Copper gasket, Retainer, Nut
- Tool-Less Flare Fitting Design
- Metal-to-Metal Seal
- Self-Guiding Fitting Assembly

### Technical Data

- Max. Approved Operating Pressure: 500 mbar
- Fitting Material: CW612N
- Gasket Material: CW004A

| Dimensions       | Item No     |
|------------------|-------------|
| DN 15 x Rp1/2"   | FMJ-15-12R  |
| DN 20 x Rp3/4"   | FMJ-20-34R  |
| DN 25 x Rp1"     | FMJ-25-10R  |
| DN 32 x Rp1 1/4" | FMJ-32-114R |



## Couplings & Reducing Unions

### Features:

- Joint Body, (2)Copper gasket, (2)Retainer, (2)Nut
- Tool-Less Flare Fitting Design
- Metal-to-Metal Seal
- Self-Guiding Fitting Assembly



### Technical Data

- Max. Approved Operating Pressure: 500 mbar
- Fitting Material: CW612N
- Gasket Material: CW004A

### Dimensional Characteristics

| Dimensions | Item No | Dimensions | Item No |
|------------|---------|------------|---------|
| DN15xDN15  | CU-15   | DN20xDN25  | RU-2025 |
| DN20xDN20  | CU-20   | DN15xDN25  | RU-1525 |
| DN25xDN25  | CU-25   | DN25xDN32  | RU-2532 |
| DN32xDN32  | CU-32   | DN20xDN32  | RU-2032 |
| DN15xDN20  | RU-1520 | DN15xDN32  | RU-1532 |

### Mechanical Tees

### Features:

- Tee Body, (3)Copper gasket, (3)Retainer, (3)Nut
- Tool-Less Flare Fitting Design
- Metal-to-Metal Seal
- Self-Guiding Fitting Assembly

### Technical Data

- Max. Approved Operating Pressure: 500 mbar
- Fitting Material: CW612N
- Gasket Material: CW004A

### Dimensional Characteristics

| Dimensions     | Item No   |
|----------------|-----------|
| DN15xDN15xDN15 | ET-15     |
| DN20xDN20xDN20 | ET-20     |
| DN25xDN25xDN25 | ET-25     |
| DN32xDN32xDN32 | ET-32     |
| DN20xDN15xDN15 | RT-201515 |
| DN20xDN20xDN15 | RT-202015 |
| DN25xDN20xDN15 | RT-252015 |
| DN25xDN30xDN20 | RT-253020 |
| DN25xDN25xDN20 | RT-252520 |
| DN25xDN25xDN15 | RT-252515 |





# EN14800 GAS COOKER HOSE



Ningbo Hongwu Pipe Industry Co., Ltd

## EN14800 GAS COOKER HOSE



HONGWU Gas Cooker hoses are manufactured in accordance with EN 14800. They are suitable for 1st, 2nd and 3rd family gases and available from 0.5m to 2m.

### Application Areas:

● Natural gas and LPG applications ● Kitchen application ● Cookers and grills

### Product Features:

- Hose Type: Closed pitch corrugated metal hose
- Hose Material: Stainless Steel 316L(1.4404)
- Braiding Material: Stainless Steel 304/316L(1.4404)
- Cover: Transparent PVC
- Norm: EN 14800:2007

### Chart:

| Hose Dimensions | DN | Connection | Length(mm)                                 |
|-----------------|----|------------|--------------------------------------------|
|                 | 12 | 1/2"x1/2"  | 500<br>750<br>1000<br>1250<br>1500<br>2000 |



# EXTENSIBLE HOSES



Ningbo Hongwu Pipe Industry Co., Ltd

## EXTENSIBLE HOSES



HONGWU extensible hoses are a new type of multifunctional conveying pipe for gas and water, manufactured in accordance with UNI11353

### Technical-regulatory specifications

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Pipe                   | stainless steel 304/316L                        |
| Male fitting           | stainless steel 304/316L                        |
| Fitting for swivel nut | stainless steel 304/316L with flat sealing seat |
| Nut                    | stainless steel 304/316L(thread ) or brass      |
| Protective Sheathing   | PE Protective Sheathing                         |
| Treatment              | annealing heat treatment                        |
| Thread                 | 1/2"x1/2", 3/4"x3/4", 1"x1"                     |
| Application            | Conveying gas and water                         |

### Dimensional Characteristics

| Tube DN | Length From(mm) | Length to(mm) |                             |
|---------|-----------------|---------------|-----------------------------|
| 15      | 300             | 600           | Customization<br>acceptable |
|         | 500             | 1000          |                             |
| 20      | 300             | 600           |                             |
|         | 500             | 1000          |                             |
| 25      | 300             | 600           |                             |
|         | 500             | 1000          |                             |



HONGWU owns more than 100 advanced CNC machines and produce a large range of brass and steel fittings for variety applications. Customization is acceptable.

**Available applications:**

- water plumbing connection fittings
- gas plumbing connection fittings
- heating system fittings
- fittings for industrial applications
- fittings for water tanks
- others

