



# GUIDE FOR COMPOSING YOUR HOSE



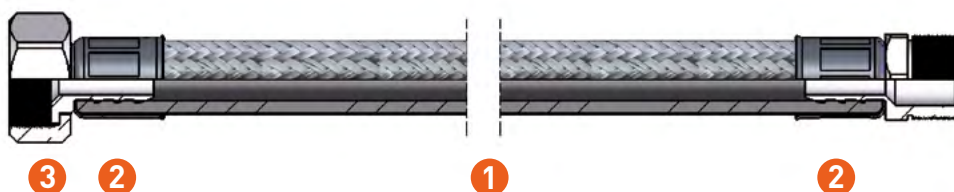




# GUIDE FOR COMPOSING YOUR HOSE



## Overview of hose components



- 1 ▶ One hose
- 2 ▶ Two bushings, one for each end of the hose
- 3 ▶ Connection = Left and Right connections (+) accessory(ies) such as thermal insulation

### ASSEMBLY

▶ **QUAL'IFT®** hoses must be assembled in strict compliance with the rules and assembly steps listed in the "Recommendations for use" paragraph (see page 100)

## 1 Choose your hose

### According to

- ▶ Your application and use (sanitary, heating, air conditioning or industrial)
- ▶ The environment in which the hose will be used (temperature, mechanical stress, chemical resistance, etc.)

### Different materials used

- ▶ EPDM
- ▶ Butyl
- ▶ PEX
- ▶ Nitrile
- ▶ Silicone



### For further information

- ▶ Full specifications for our **QUAL'IFT®** hoses can be found in the technical data sheets **FT601 to FT624**
- ▶ Chemical resistance table (technical form at the end of the catalogue)

## 2 Choose your bushings

### According to

- ▶ The diameter of your hose

### 2 types of bushings to use

- ▶ Stainless steel bushings for DN06 to 33 hoses
- ▶ Aluminium bushings for DN40 and 50 hoses



### For further information

- ▶ Full crimping bushing specifications on our technical data sheet **FT701**



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## 3 Choose your connection

### According to

- › your application and use (sanitary, heating, air conditioning or industrial)
- › the environment in which the hose will be used (configuration of the space, etc.)

### Different fitting types possible

- › Male (cylindrical, tapered, taps)
- › Female (with flat, spherical-tapered or angled seat)
- › Dual-taper
- › Quick
- › Union



### For further information

- › Full specifications of our fittings on data sheets  
**FT801 to FT852**



## Available accessories

### Thermal insulation

- › Available in 4 thicknesses 9, 13, 19 and 25 mm (for your air conditioning and chilled ceiling applications)
- › Thermal protection sheath (for environments subject to high temperatures)



### For further information

- › Full specifications of our accessories on technical data sheets  
**FT911 and FT913**

## 4 Recommended tools

### Hose cutting

#### Portable manual hose cutter

- › For cutting hoses up to DN26
- › Maximum passage diameter: 50 mm
- › Easily transportable, ideal for on-site work

### Fitting crimping

#### Manual site crimper

- › Crimping of **QUAL'IFT®** DN08 to DN20 hoses

#### Portable electric crimper

- › Hose crimping **QUAL'IFT®** DN08 to DN33



### For further information

- › Full specifications of our tools on technical data sheets  
**FT901 and FT904**



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