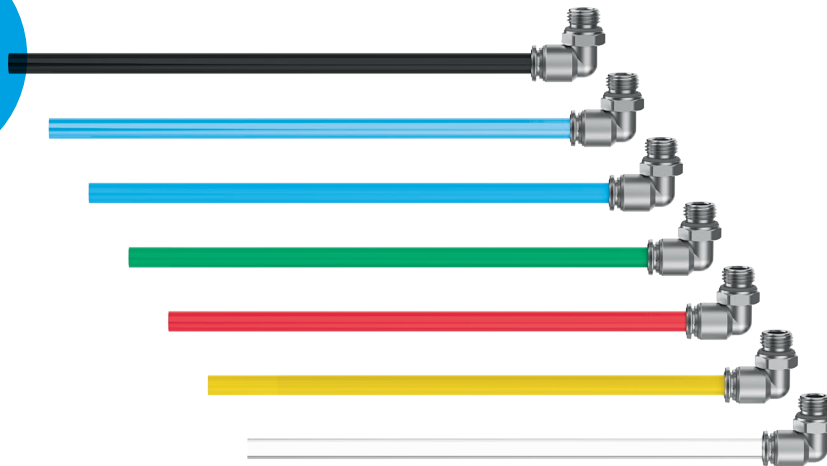


# Food-safe tubing PUN-H-F

FESTO

New:  
with food  
certification



## Food-safe!

### Highlights

- Food-safe to Regulation (EC) 1935/2004 and FDA 21 CFR 177.2600
- Suitable for contact with gaseous oxygen
- Resistant to hydrolysis
- Highly flexible
- Resistant to microbes

**Tubing PUN-H-F and push-in fitting NPQR in stainless steel make the perfect combination for your applications in the food zone. It is ideal wherever your systems need to meet hygienic requirements for food production, as it is resistant to hydrolysis and suitable for environments with high moisture levels.**

### For use in the food industry

The food-safe tubing PUN-H-F meets the requirements of Regulation (EC) 1935/2004 and FDA 21 CFR 177.2600. Together with the fittings NPQR, it is ideal for use in the food and packaging industry, especially in areas where using stainless steel is recommended.

### Highly flexible

The kink-resistant PUN-H-F is easy to install in your system, and also has the benefit of being resistant to hydrolysis and microbes. In addition, the black version is UV-resistant and can thus be used outdoors.

### Resistant to oxygen

The “natural” colour variant of the PUN-H-F is suitable for applications that require gaseous oxygen as the operating medium.

### Reliable compressed air supply

PUN-H-F is the perfect fit for standard applications, but can also be used in wet areas up to 50 °C. The modified material is resistant to hydrolytically induced cracking.

# Food-safe tubing PUN-H-F

## Technical data

| Feature                            | Tubing PUN-H-F   | Stainless steel fitting NPQR           | Metal fitting NPQH***                           |
|------------------------------------|--|--|---|
| <b>Material</b>                    | Polyurethane   | Housing: stainless steel               | Housing: brass, chemically nickel-plated        |
|                                    | Calibration: external  | Sealing ring: FPM                      | Sealing ring: FPM                               |
|                                    |  | Releasing ring: stainless steel        | Releasing ring: brass, chemically nickel-plated |
|                                    |  | Tubing clip mechanism: stainless steel | Tubing clip mechanism: stainless steel          |
| <b>Version</b>                     |  |  |   |
| Tubing O.D. [mm]                   | 4, 6, 8, 10, 12, 14, 16  | 4, 6, 8, 10, 12, 14, 16                | 4, 6, 8, 10, 12, 14                             |
| Colours PUN-H-F                    | Blue, black, green, red, yellow  |  |   |
| Transparent colours PUN-H-F        | Blue, natural  |  |   |
| Thread                             |  | M and G threads<br>M5, M7, 1/8 to 1/2  | M and G threads<br>M5, M7, 1/8 to 1/2           |
| <b>Application area</b>            |  |  |   |
| Operating pressure [MPa]           | -0.095 ... +1.0  | -0.095 ... +1.6                        | -0.095 ... +2                                   |
| Operating temperature [°C]         | -35 ... +60  | -20 ... +150                           | -0 ... +150                                     |
| <b>Resistance and suitability*</b> |  |  |   |
| Resistant to chemicals             | +  | +++                                    |   |
| Resistant to hydrolysis            | ++   | +++                                    |   |
| Food-safe                          | Declaration of conformity according to Regulation (EC) 1935/2004 and FDA 21 CFR 177.2600 |  | FDA listed                                      |
| Media                              | Compressed air, vacuum, water**, oxygen (natural)  | Compressed air, vacuum, water**        | Compressed air, vacuum, water**                 |

\* +++ Highly suitable ++ Suitable + Moderately suitable – Not suitable

\*\* As per the manufacturer's declaration

\*\*\* As a low-cost alternative to the stainless steel fitting NPQR in application areas where stainless steel is not recommended.

PUN-H-F: For highly versatile use in food applications, the “natural” colour variant can also be used in applications with gaseous oxygen.

