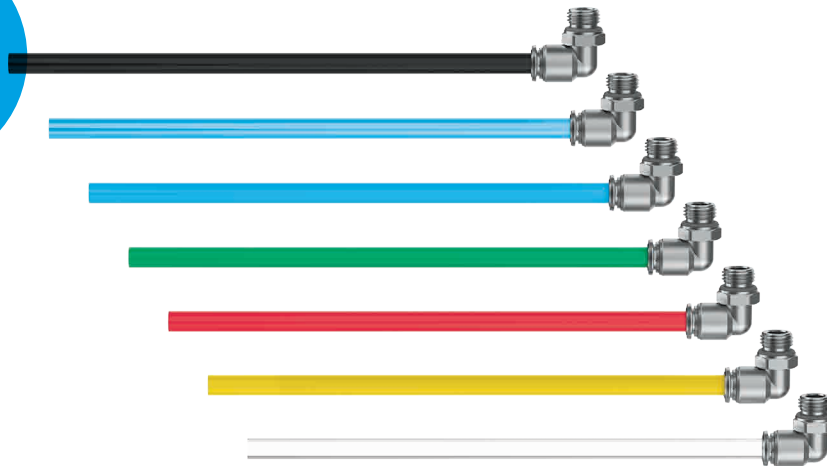


Food-safe tubing PUN-H-F

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***
Material	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
Version			
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 M5, M7, 1/8 to 1/2	M and G threads M5, M7, 1/8 to 1/2
Application area			
Operating pressure [MPa]	-0.095 ... +1.0	-0.095 ... +1.6	-0.095 ... +2
Operating temperature [°C]	-35 ... +60	-20 ... +150	-0 ... +150
Resistance and suitability*			
Resistant to chemicals	+	+++	
Resistant to hydrolysis	++	+++	
Food-safe	Declaration of conformity according to Regulation (EC) 1935/2004 and FDA 21 CFR 177.2600		
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.

