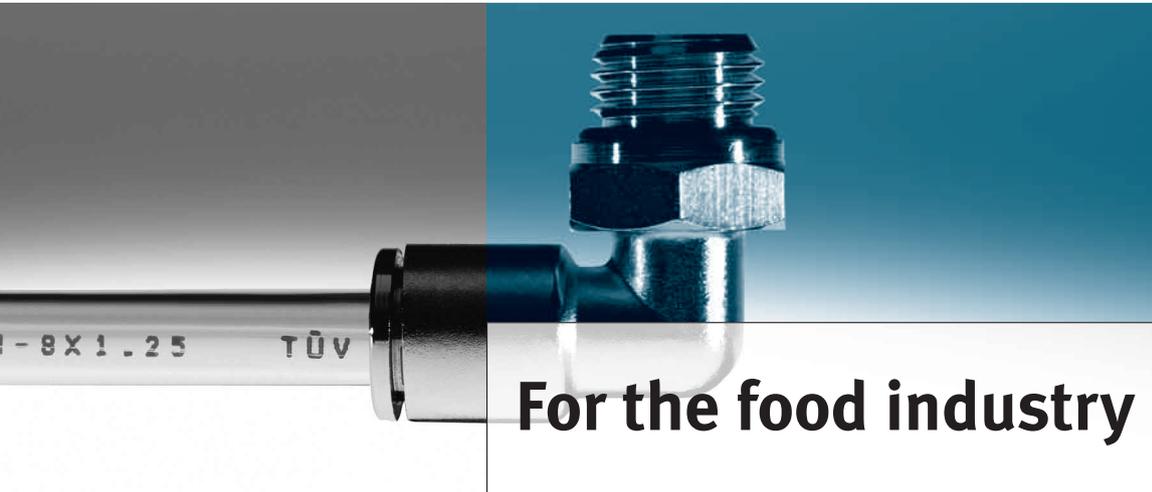


# Tubing/fitting combination PUN-H/QS-F

**FESTO**



## For the food industry

**Ideal for applications in the food industry:** Tube PUN-H in combination with the fitting QS-F. Designed for economic applications in the non-food zone. However, Festo also offers the right solutions for the food and splash zones.

### **For economic applications in the food industry**

FDA approval and high corrosion protection! The all-metal fitting QS-F makes the often used expensive stainless steel fittings superfluous.

### **Reliable for applications with water**

Together with the all-metal fittings QS-F, a reliable, hydrolysis-resistant combination in wet areas.

### **Also for outdoor use**

Due to the good microbe resistance, black PUN-H and QS-F fittings are perfect for pneumatic systems outdoors.

### **Short installation time thanks to the proven “plug and work”®**

Naturally, thanks to QS-F with the proven Quick Star release system. Rapid assembly and dismantling of the PUN-H tubes which are harmonised with the fittings by simple plugging or pressing the releasing sleeve.



Food industry approval

FDA approval

Hydrolysis-resistant

416.16.PSI →

Product Short Information

# Tubing/fitting combination

## PUN-H/QS-F

### Technical data

Feature	PUN-H tube	QS-F fittings	
		Push-in fitting	One-way flow control valve (GRLA-QS-RS-D)
<b>Material:</b>	Sheath: Polyurethane	Housing: Nickel-plated brass, chrome-plated brass	
	Calibration: External	Sealing ring: Fluorocarbon rubber	
		Releasing sleeve: Nickel-plated brass, chrome-plated brass	
		Tubing retainer mechanism: Stainless steel	
<b>Available versions</b>			
Tubing O.D. [mm]	3, 4, 6, 8, 10, 12, 16	4, 6, 8, 10, 12	4, 6, 8
Colours:	Neutral, blue, black	Metal	
Thread type:		Metric and G threads	G thread
<b>Applications</b>			
Operating pressure [in bar]	0.95 ... +10	-0.95... +16	-0.2 ... +10
Operating temperature [in °C]	-35 ... +60	0 ... +150	
<b>Resistance and suitability*</b>			
Resistant to chemicals	+	++	
Hydrolysis-resistant	+++	+++	
Antistatic	-	+++	
Flame resistant	-	+++	
Food industry approval	+++	++	
Media	Compressed air, vacuum, water (no drinking water)	Compressed air, vacuum	
<b>Miscellaneous</b>			
Packaging units	50 m	10 pc.	1 pc.
Number of types	6 diameters	150 different types	5 different types

\* +++ highly suitable      ++ suitable      + suitable with reservations      - unsuitable

### More information:

Get more information in the constantly updated Download Area on [www.festo.com](http://www.festo.com) or ask the Festo Info Service.

### Free tube selection software

Available in the Download Area and on the CD-ROM of the electronic catalogue – taking the difficulty out of deciding. Simply enter your application-specific requirements and let our system guide you quickly and reliably to an appropriate solution.

### Media-resistance information

[www.festo.com/mediaresistance](http://www.festo.com/mediaresistance)

### The combination PUN-H/QS-F:

Ideal for use in applications in the non-food zone of the food industry. Festo also offers the perfect solution for your pneumatic installation for applications in the food and splash zones.

Tubing/fitting combination	Whenever ...
PLN + QS-F	... you need connections resistant to cleaning agents and approved by the food industry for applications in the splash zone
PFAN + CRQS	... you're looking for the most media-resistant connections approved for use in the food zone of the food industry.
PUN-H+QS	...you want to use hydrolysis-resistant connections for things other than food applications.

### Tube/fitting combinations for every application:



Resistant to cleaning agents, ...



resistant to media, ...



Hydrolysis-resistant!

### Festo AG & Co. KG

Ruiter Strasse 82  
73734 Esslingen  
[www.festo.com](http://www.festo.com)  
Tel. +49 711 347-0  
Fax +49 711 347-2144  
[service\\_international@festo.com](mailto:service_international@festo.com)