

# Tubing/fitting combination PUN-H/QS

FESTO



## Hydrolysis resistant

### **The combination for applications subject to high air humidity:**

Tubing PUN-H and push-in fittings QS. Configured for optimal, sustained and trouble-free operation of your systems – simply with Festo plug and work® for quick assembly.

### **Reliable compressed air supply in humid environments**

For applications in humid environments or in contact with water at temperatures of up to 60 °C. Tubing PUN-H is not subject to cracking thanks to its modified material and is ideal for use in conjunction with QS.

### **Suitable for outdoor use**

Owing to its excellent microbial resistance, the black version of tubing PUN-H with QS push-in fitting is also suitable for outdoor pneumatic systems.

### **Minimal installation time thanks to the tried and tested plug and work®**

QS is of course available to the familiar standard of Festo quality with the proven Quick Star release mechanism. Quick assembly and dismantling of tubing PUN-H, suitably harmonised with push-in fittings – simply by plugging in or pressing the releasing sleeve.



„Reliable in humid environments ...

and in contact with water!“

416.11.PSI →

Product Short Information

# Tubing/fitting combination

## PUN-H/QS

### Technical data

Characteristic	PUN-H tubing	QS fittings Push-in fitting	One-way flow control (GRLA-QS-RS-B)
<b>Material</b>	Casing: Polyurethane	Housing:	
	Calibration: External	PBT/brass, nickel-plated	Thermoplastic
		Sealing ring: NBR	
		Releasing sleeve:	
		Polyacetate	Polycarbonate
	Tubing retaining mechanism: stainless steel		
<b>Design</b>			
Tubing O.D. [mm]	3, 4, 6, 8, 10, 12, 16	3, 4, 6, 8, 10, 12, 16	6, 8
Colours	Natural, blue, black	Blue	
Thread type		M-, G- and R thread	G thread
<b>Application range</b>			
Operating pressure [bar]	-0.95 ... +10	-0.95 ... +14	-0.2 ... +10
Operating temperature [°C]	-35 ... +60	-10 ... +80	-10 ... +60
<b>Resistance and suitability*</b>			
Resistance to chemicals	+	+	
Hydrolytic resistance	+++	+++	
Antistatic	-	-	
Flamme retardant	-	-	
Food industry approved	+++	-	
Media	Compressed air, vacuum, water (no drinking water)	Compressed air, vacuum	
<b>Other</b>			
Packaging units	50 m	10 pcs., 100 pcs.	1 pc.
Type diversity	6 diameter	> 1000 different types	6 different types

\* +++ Excellent suitability    ++ Good suitability    + Suitability conditional    - Not suitable

### 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 of PUN-H/QS:

is ideal for use in applications within humid environments. Tubing PUN-H is also ideally suitable for use with other Festo connectors – depending on the application.

Tubing/push-in fitting combination	In the event that...
PUN-H + QS-F	... you require hydrolysis resistant and food industry approved connections for use with minimal media effects.
PUN-H+ CRQS	... you require hydrolysis resistant and food industry approved connections for use in application requiring preferably minimal media effects, but specify the mandatory use of stainless steel components.

### Tube-threaded fitting for all situations:



Food industry approved, ...

flame-retardant, ...

antistatic!

### Festo AG & Co. KG

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