Tubing/fitting combination PUN-H/QS





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

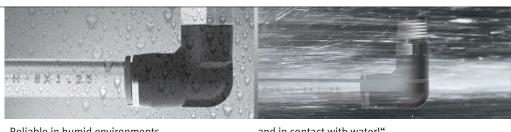
For applications in humid environments or in contact with water at temperatures of up to 60 °C. Tubing PUN-H is not subject to cracking thanks to its modified material and is ideal for use in conjunction with QS.

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!"

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Technical data

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

More information:

Get more information in the constantly updated Download Area on 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

antistatic!

The combination of PUN-H/QS:

is ideal for use in applications withhin 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, ...

Festo AG & Co. KG

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^{* +++} Excellent suitability

⁺⁺ Good suitability

⁺ Suitability conditional - Not suitable