

# Tubing/fitting combination PAN/QS

FESTO



## Pressureresistant

**The combination for applications with operating pressures up to 14 bar:** PAN tubing and quick push-in fitting QS. Combined for the optimal, continuously trouble-free operation of your equipment. Plus quicker assembly – via plug and work®.

### Reliable compressed air supply in the high-pressure range.

Ideal for applications up to 14 bar, thanks to the high-pressure resistance of the polyamide tubing PAN. Perfect in combination with the Quick Star standard fittings. For reliably supplying your system with compressed air.

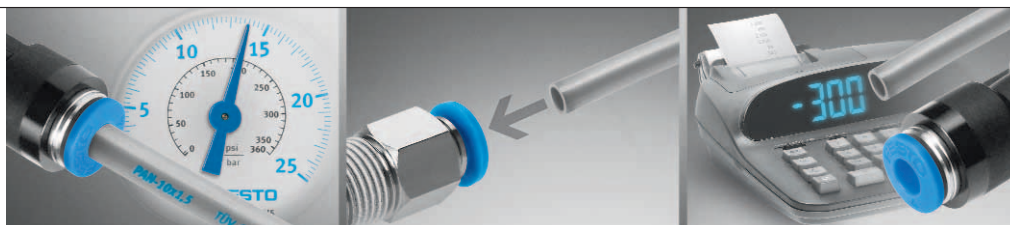
### High thermal load capacities

Due to its high resistance, the tubing/fitting combination PAN/QS is an economical alternative for temperatures below freezing, whilst for high temper-

atures up to 80° there is the heat-resistant combination PFAN/QS-F, which was designed for applications at temperatures up to 150°.

### 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.



Pressure-resistant up to 14 bar

Festo Plug and work®

Economical

416.15.PSI →

Product Short Information

# Tubing/fitting combination

## PAN/QS

### Technical data

Feature	PAN	QS fittings	
		Push-in fitting	One-way flow control valve (GRLA-QS-RS-B)
<b>Material</b>	Sheath: Polyamide	Housing:	
	Calibration: External	PBT/ Nickel-plated brass	Thermoplastic
		Sealing ring: NBR	
		Releasing sleeve:	
		Polyacetate	Polycarbonate
	Tubing retainer mechanism: Stainless steel		
<b>Version</b>			
Tubing O.D. [mm]	4, 6, 8, 10, 12, 16	3, 4, 6, 8, 10, 12, 16	6, 8
Colours	Silver	Blue	
Type of thread		M, G and R threads	G thread
<b>Applications</b>			
Operating pressure [bar]	-0.95 ... +19	-0.95 ... +14	-0.2 ... +10
Operating temperature [°C]	-30 ... +80	-10 ... +80	-10 ... +60
<b>Resistance and suitability*</b>			
Resistant to chemicals	++	+	
Hydrolysis-resistant	++	+++	
Antistatic	-	-	
Flame-resistant	-	-	
Food industry approval	-	-	
Media	Compressed air, vacuum	Compressed air, vacuum	
<b>Miscellaneous</b>			
Packaging units	50 m	10 pcs., 100 pcs.	1 pc.
Number of types	6 diameters	> 1000 different types	6 different types

\* +++ highly suitable

++ suitable

+ suitable with reservations

- unsuitable

You only pay for the functions that you really need. Different functionalities, but all in proven Festo quality. Example – pressure resistance: Here, Festo offers you a series of further economical solutions for every application.

Tubing/fitting combination	Whenever ...
PUN-E/QS-B	... you need the core functionalities of a pneumatic installation at an attractive price. Applications up to 10 bar
PUN/QS	... you want to have access to the complete variety of the QS standard product range. Applications up to 14 bar
PAN-R/QS-F	... you require maximum pressure resistance, we recommend the heavy-duty tubing PAN-R and the all-metal fitting QS-F. Applications up to 20 bar.

### Tube/fitting combinations for every application:



Economical, ...



versatile, ...



pressure-resistant up to 20 bar!

### 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)

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