

Tubing/fitting combination PAN-V0/QS-V0

FESTO



Resistant to welding spatter

Ideal for use in the direct vicinity of welding spatter:

Tube PAN-V0 and quick push-in fitting QS-V0. Combined for the optimal, permanently trouble-free operation of your equipment. And for quicker assembly - simply plug and work®.

Maximum resistance to flying sparks

The dual-coated tube PAN-V0 is particularly suited for use in areas where there are flying sparks or weld spatter. The external, fireproof tube protects the internal tube conducting the compressed air not only from a risk of fire but also from all types of mechanical load.

Trouble-free operation in areas prone to weld spatter

Weld spatter has no chance: the threaded fitting QS-V0 specially developed for this tube is designed so that the external tube is also covered by the fitting. It is quite secure leaving no gap through which the weld spatter can penetrate.

Safety thanks to flame-retardant type UL94 V0

The materials of the PAN-V0 and the QS-V0 fulfil the highest requirement class V0 according to UL94 - optimal protection in areas where there is a risk of fire.



Resistant to welding spatter, ...

perfectly shielded, ...

flame-retardant!

416.8. PSI →

Product Short Information

Tubing/fitting combination

PAN-V0/QS-V0

Technical data

Features	PAN-V0 tube	QS-V0 quick push-in fitting
Material	Sheathing: PVC	Housing: Polybutylene terephthalate (flame retardant)
	Inner tubing: Polyamide	Sealing ring: Nitrile rubber
	Calibration: External	Releasing sleeve: Polybutylene terephthalate (flame retardant)
		Tubing retainer mechanism: Stainless steel
		Threaded coupling: Nickel and chrome-plated, PTFE sealing compound
Version		
Tubing O.D. [mm]	6, 8, 10, 12	6, 8, 10, 12
Colours	Black, blue, green, red, white, yellow, brown	Dark grey
Thread type		G and R thread
Scope of application		
Operating pressure [bar]	-0.95 ... +12	-0.95 ... +10
Operating temperature [°C]	-30 ... +90	0 ... +60
Resistance and suitability*		
Resistant to chemicals	—	—
Hydrolysis resistant	+	++
Antistatic	—	—
Flame resistant	+++	+++
Food industry approval	—	—
Media	Compressed air, vacuum	Compressed air, vacuum
Other		
Packaging units	20 m	1 pc., 10 pcs.
Variety of types	4 diameters	75 different types

* +++ highly suitable ++ suitable + suitable with reservations – unsuitable

The PAN-V0/QS-V0 combination: ideal for use in applications involving flying sparks. Depending on the influence of media, Festo offers a range of further application-specific tubing/fitting combinations.

Tubing/push-in fitting combination	In the event that ...
PUN-V0-B + QS-F	... you need inexpensive connections in the vicinity of welding applications.
PUN-V0 + QS-F	... you need flame-retardant connections in areas where there is a risk of fire.
PFAN + QS-F	... you need tubes and fittings that are heat-resistant up to 150 °C for your application

Tubing/push-in fitting combinations for every application:



Resistant to welding splatter

flame-retardant,

resistant to heat!

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

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