

# Tubing/fitting combination

## PAN-V0/QS-V0

FESTO



## Resistant to welding spatter

### Highlights

- Resistant to welding spatter and flying sparks to UL94V0
- No gaps = perfectly shielded
- Effortlessly withstands mechanical loads
- Quick to assemble, quick to disassemble

**Ideal for use in the immediate vicinity of welding spatter: tubing PAN-V0 and the quick push-fit threaded connection QS-V0. Created for the optimal, trouble-free operation of your systems at all times. And for quick assembly too – simply Festo plug & work**

### Maximum resistance to flying sparks

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

### Trouble-free operation in applications involving welding spatter

Welding spatter has no chance: the fitting QS-V0 has been specially developed for this tubing and is designed so that the external tube is also covered by the fitting. It is always reliable and secure – there are no gaps through which welding 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 to UL94 – optimal protection in areas where there is a risk of fire.

# Tubing/fitting combination

## PAN-V0/QS-V0

### Technical data

Feature	Tubing PAN-V0	Push-in fitting QS-V0
<b>Material</b>	Outer sheath: PVC	Housing: polybutylene terephthalate (flame retardant)
	Internal tube: polyamide	
	Calibration: external	Sealing ring: nitrile rubber
		Releasing ring: polybutylene terephthalate (flame retardant)
		Tubing retainer mechanism: stainless steel
		Threaded coupling: nickel-plated brass, PTFE sealing material
<b>Design</b>		
Tubing O.D. [mm]	4, 6, 8, 10, 12	4, 6, 8, 10, 12
Colours	Black, blue, green, red, white, yellow, brown	
Thread type		G and R threads
<b>Application area</b>		
Operating pressure [bar]	-0.95 ... +12	-0.95 ... +10
Operating temperature [°C]	-30 ... +90	0 ... +60
<b>Resistance and suitability*</b>		
Resistant to chemicals	+	+
Resistant to hydrolysis	++	++
Anti-static	-	-
Flame resistant	+++ (UL 94)	+++
Suitable for use in the food industry	-	-
Media	Compressed air, vacuum, water**	Compressed air, vacuum, water**
<b>Miscellaneous</b>		
Packaging units	20m	1 pc., 10 pcs.
Number of different types	5 diameters	75 different types

\* +++ Highly suitable ++ Suitable + Suitable to a limited extent - Unsuitable

\*\* Other media on request

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

Tubing/fitting combination	Whenever ...
PUN-V0-C + NPQH	... you need economical connections in the immediate vicinity of welding applications.
PUN-V0 + NPQH	... you need flame-retardant connections in areas where there is a risk of fire.
PFAN + NPQH	... you need tubing and fittings that are heat resistant up to 150°C for your application.

### Tubing/fitting combinations for every application



Resistant to welding spatter,

flame retardant,

heat resistant!

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### Information on media resistance

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