

# plastic tubing

## PUN-H-6X1-TGN-500

Part number: 8048688

FESTO

Approved for use in food processing (hydrolysis resistant)

This product is suitable for use with the fittings series types: QS, NPQP, NPQM, CRQS and CK.



### Data sheet

Feature	Value
Outside diameter	6 mm
Bending radius relevant for flow rate	26 mm
Inside diameter	4 mm
Min. bending radius	10 mm
Instructions for use	TPE-U Ether basiert
Tubing characteristics	Suitable for energy chains
Operating pressure for entire temperature range	-0.095 ... 0.6 MPa
Operating pressure complete temperature range	-0.95 ... 6 bar
Operating pressure for entire temperature range	-13.775 ... 87 psi
Temperature-dependent operating pressure	-0.095 ... 1 MPa
Temperature dependent operating pressure	-0.95 ... 10 bar
Temperature-dependent operating pressure	-13.775 ... 145 psi
Note on operating pressure	Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60°C
Authorisation	TÜV
Certificate issuing department	B 013277 0506 00
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:-:] Water (liquid, free of ice)
Material fire test	UL94 HB
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Cleanroom class	This product is a static object, active particle generation is not possible when used correctly. Clean product before using it in a cleanroom environment and ensure it is installed correctly.
Food-safe	See Supplementary material information
Ambient temperature	-35 ... 60 °C
Product weight according to length	0.0183 kg/m
Pneumatic connection	For push-in connector outside diameter 6 mm for barbed connector internal diameter 4 mm with nut
Colour	Translucent green
Shore hardness	D 52 +/-3
Materials note	Conforms to RoHS
Material tubing	TPE-U(PU)