

# Plastic tubing PEN-8X1,25-NT

Part number: 543248

FESTO

standard O.D tubing, for QS plug connectors, CN and CK fittings,  
polyethylene (not approved for use in the food industry).



## Data sheet

Feature	Value
Outside diameter	8 mm
Bending radius relevant for flow rate	35 mm
Inside diameter	5.7 mm
Min. bending radius	22.5 mm
Tubing characteristics	Suitable for energy chains
Temperature-dependent operating pressure	-0.095 ... 1 MPa
Temperature dependent working pressure	-0.95 ... 10 bar
Temperature-dependent operating pressure	-13.775 ... 145 psi
Note on working pressure	Water: max. 0.6 MPa at 0 - 50 °C
Authorization	TÜV
Certificate issuing department	B 013277 0506 00
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7::-:] Water (liquid, free of ice)
PWIS conformity	VDMA24364-B2-L
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.
Ambient temperature	-30 ... 60 °C
Product weight according to length	0.02327 kg/m
Pneumatic connection	For push-in connector outside diameter 8 mm for barbed connector internal diameter 6 mm with nut for barbed connector internal diameter 6 mm
Color	neutral
Shore hardness	D 52 +/-3
Materials note	Conforms to RoHS
Material tubing	PE