

# Plastic tubing PEN-16X2,5-SI-100

Part number: 551455

FESTO

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



## Data sheet

Feature	Value
Outside diameter	16 mm
Bending radius relevant for flow rate	122 mm
Inside diameter	10.8 mm
Min. bending radius	57.5 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	0.1029 kg/m
Pneumatic connection	For push-in connector outside diameter 16 mm
Color	silver
Shore hardness	D 52 +/-3
Materials note	Conforms to RoHS
Material tubing	PE