

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

Part number: 551443

FESTO



 [General operating condition](#)

## 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 MPa ... 1 MPa
Temperature-dependent operating pressure	-0.95 bar ... 10 bar
Temperature-dependent operating pressure	-13.775 psi ... 145 psi
Information on operating pressure	Water: max. 0.6 MPa at 0 - 50 °C
Certification	German Technical Control Board (TÜV)
Certificate issuing authority	B 013277 0527 00
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Statically installed element, no meaningful evaluation possible according to ISO 14644-1
Ambient temperature	-30 °C ... 60 °C
Product weight by length	0.1029 kg/m
Pneumatic connection	For plug connection outside diameter 16 mm
Color	Black
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material of pneumatic tubing	PE