

# plastic tubing PEN-12X1,75-SW-200

Part number: 551442

FESTO

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



## Data sheet

Feature	Value
Outside diameter	12 mm
Bending radius relevant for flow rate	58 mm
Inside diameter	8.4 mm
Min. bending radius	33 mm
Tubing characteristics	Suitable for energy chains
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: max. 0.6 MPa at 0 - 50 °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)
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	0.05423 kg/m
Pneumatic connection	For push-in connector outside diameter 12 mm
Colour	Black
Shore hardness	D 52 +/-3
Materials note	Conforms to RoHS
Material tubing	PE