

Plastic tubing PEN-1/2-SW-150-CB

Part number: 569886

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
External-Ø inches	1/2
Bending radius relevant for flow rate	59.741 mm
Min. bending radius	32.918 mm
Tubing characteristics	Suitable for energy chains
Operating pressure for entire temperature range	-0.095 MPa ... 0.4 MPa
Operating pressure for entire temperature range	-0.95 bar ... 4 bar
Operating pressure for entire temperature range	-13.775 psi ... 58 psi
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
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom class	Statically installed element, no meaningful evaluation possible according to ISO 14644-1
Ambient temperature	-30 °C ... 60 °C
Product weight by length	0.848 kg/m
Pneumatic connection	For plug connection outside diameter 1/2"
Color	Black
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material of pneumatic tubing	PE