NORWELD
Weld spatter resistant tubing

- O/D 6 ... 14 mm
- Design for applications within welding environment
- Halogen free, self erasing and flame retardant special tubing out of PU conforming UL94 V2 to V0
- Suitable for drag chain applications
- Suitable for the use with Norgren Pneufit 10 series PUSH-IN fittings
- Small bending radius, high flexibility
- Extended range of applications due to high chemical durability
- Free of paint sticking hindering material (like VMQ)



Technical features

Medium:
Compressed air, water

Standard lenght:
50 m

Ambient/Media temperature:
-20 ... 80°C (-4 ... 176°F)
maximum

Material:
PU

Operating pressure:
See table below

Colours available:
Black or blue

Technical data

Outer Ø (mm)	Wall thickness (mm)	Inner Ø (mm)	Operating pressure at 23°C maximum * (bar)	Burst pressure at 23°C (bar)	Min. bend radius (mm)	Model Tube colour black	blue
6 ± 0,15	1,5 ± 0,15	3	25	75	7	NORWELD0706050	NORWELD0506050
8 ± 0,15	2 ± 0,15	4	25	75	10	NORWELD0708050	NORWELD0508050
10 ± 0,15	2 ± 0,15	6	15	50	15	NORWELD0710050	NORWELD0510050
12 ± 0,15	2 ± 0,15	8	12	40	20	NORWELD0712050	NORWELD0512050
14 ± 0,15	2 ± 0,15	10	12	40	30	NORWELD0714050	

* Multily by factors in table below for use at higher temperatures.

Operating pressure/ temperature conversion factors

Working temperature	Factor
+30°C	0,75
+40°C	0,67
+50°C	0,58
+60°C	0,54
+70°C	0,52
+80°C	0,50

Accessories

Tube cutter



Model	Description
M/3314	Cutter
39012010	Replacement blade (pack of 10)
39012061	Replacement blade (1-off)

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/data«**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren.
Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document. (2002 - 9044b) © 2024 Norgren GmbH.