PU2 series
PUR tube

- Ø 3 ... 16 mm
- Available in a range of colours for ease of identification
- PUR offers excellent mechanical properties and industry leading flexibility
- 25 metre lengths supplied in cartons providing good protection and easy storage



Technical features

Medium:
Compressed air.
Consult our Technical Service for use with other fluids

Operating pressure:
Refer to specific tubing type on the following pages

Ambient/Media temperature:
Refer to specific tubing type on the following pages

Materials:
Is light stabilised and has a hardness of Shore D 52 (98 Shore A)

Technical data

Colour	Length (m)	O/D I/D tube 3/2	4/2,5	5/3	6/4	8/5,5	10/7	12/8	16/11
Natural	25	PU2-0003025C	PU2-0004025C	PU2-0005025C	PU2-0006025C	PU2-0008025C	PU2-0010025C	PU2-0012025C	PU2-0016025C
Natural	100	–	PU2-0004100	–	PU2-0006100	PU2-0008100	PU2-0010100	PU2-0012100	–
Red	25	–	PU2-0104025C	PU2-0105025C	PU2-0106025C	PU2-0108025C	PU2-0110025C	PU2-0112025C	–
Red	100	–	PU2-0104100	–	PU2-0106100	PU2-0108100	PU2-0110100	PU2-0112100	–
Green	25	–	PU2-0204025C	PU2-0205025C	PU2-0206025C	PU2-0208025C	PU2-0210025C	PU2-0212025C	–
Green	100	–	PU2-0204100	–	PU2-0206100	PU2-0208100	PU2-0210100	PU2-0212100	–
Yellow	25	–	PU2-0304025C	PU2-0305025C	PU2-0306025C	PU2-0308025C	PU2-0310025C	PU2-0312025C	–
Yellow	100	–	PU2-0304100	–	PU2-0306100	PU2-0308100	PU2-0310100	PU2-0312100	–
Blue	25	PU2-0503025C	PU2-0504025C	PU2-0505025C	PU2-0506025C	PU2-0508025C	PU2-0510025C	PU2-0512025C	PU2-0516025C
Blue	100	–	PU2-0504100	–	PU2-0506100	PU2-0508100	PU2-0510100	PU2-0512100	–
Black	25	–	PU2-0704025C	PU2-0705025C	PU2-0706025C	PU2-0708025C	PU2-0710025C	PU2-0712025C	–
Black	100	–	PU2-0704100	–	PU2-0706100	PU2-0708100	PU2-0710100	PU2-0712100	–
Silver	25	–	PU2-0904025C	–	PU2-0906025C	PU2-0908025C	PU2-0910025C	PU2-0912025C	–
Silver	100	–	PU2-0904100	–	PU2-0906100	PU2-0908100	PU2-0910100	PU2-0912100	–

Note: 'C' at the last digit in part number indicates packed in a box/carton

Option selector

PU2-0★★★★★★★

Colour	Substitute
Natural	0
Red	1
Green	2
Yellow	3
Blue	5
Black	7
Silver	9

Packaging	Substitute
25 m Carton/Box	C
100 m Plastic bag	None
Length (m)*	**Substitute**
25	025
100	100
Outer diameter	**Substitute**
3	03
4	04
5	05
6	06
8	08
10	10
12	12
14	14
16	16

Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document. (2014 - 9072b) © 2024 Norgren GmbH.

Maximum operating pressures and bend radi

	Ø 3	Ø 4	Ø 5	Ø 6	Ø 8	Ø 10	Ø 12	Ø 16
Max. pressure (bar)* at -40 ... +20°C	9	10	11	9	9	9	9	12
Min. bend radius	5	6	7	9	16	17	25	40

Maximum continuous working temperature: +60°C
* Multiply by factors in table below for use at higher temperatures

Operating pressure/temperature conversion factors

Working temperature	Factor
–40 ... +20°C	1,00
+30°C	0,85
+40°C	0,70
+50°C	0,60
+60°C	0,50

To calculate working pressures at various temperatures, multipy working pressure at -40 ... +20°C by factor given in table.
Maximum continuous working temperature: +60°C

Accessories

Tubing channels



Model	Tube Ø	No. of channels
100HA0600	6	10
100HA0800	8	10
100H61200	12	6

Tube clips – single sided



Model	Tube Ø	Number of tubes
34021804	6	1
34021904	6	2
34021805	8	1
34021905	8	2
34021806	10	1
34021906	10	2
34021807	12	1
34021907	12	2
34021508	16	1

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 Ltd.
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.

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