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
- Packaging options: coil or carton box (accessory) – designed to reduce waste and support sustainability

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

Option selector

PU2-0★★★★★★

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

Length (m)*	Substitute
25	025
100	100
Outer diameter	**Substitute**
3	03
4	04
5	05
6	06
8	08
10	10
12	12
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)

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Packaging

- To reduce packaging waste and support sustainability, tubing is supplied as standard in protective film packaging
- Carton boxes can be ordered as a separate accessory

Boxes		Recommended tube coil size	
TUBEBOX-S01	Tubing carton box - Small	Boz size 280x100x280 mm	From 2mm to 6mm tube diameter 25m length
TUBEBOX-M01	Tubing carton box - Medium	Box size 400x100x400 mm	8mm tube diameter 25m length
TUBEBOX-L01	Tubing carton box - Large	Box size 400x160x400 mm	From 2mm to 6mm tube diameter 100m length

Any tube diameter or length not listed in the table above cannot be supplied in a carton box. These variants will be supplied on cardboard reels with protective outer packaging.

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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