



Polyester Polyurethane PUR hoses

Temperature range

-35 °C to +60 °C

PUR hoses are characterised by the following properties in a wide temperature range:

- Little deformation after long-term loads, i.e. good resilience
- High tensile strength
- Very good low-temperature flexibility
- High abrasion resistance
Resistance against aliphatic hydrocarbons and most lubricating oils
- Ageing resistance in oxygen and ozone
- The material can be recycled in accordance with the EU Directives

Can be delivered ex warehouse

PUR hoses are delivered in rolls of 50 m or 100 m fixed lengths or on drums.

* Delivery and minimum order quantity on request.

Other nominal dimensions and colours can be delivered on request.

Colour (abbreviation)

We deliver PUR hoses in:

- natural colours (nf)
- blue (bl)
- red (rt)
- black (sw)
- green (gn)
- yellow (ge)
- grey (gr)

Nominal dimensions

AD= outer diameter
ID = inner diameter
(Production dimension)
Wall thickness

Dimensions / Tolerances

AD 4.00 mm to AD 10.00 mm
+/- 0.09 mm

AD 11.00 mm to AD 15.00 mm
+/- 0.12 mm

Wall thick-

Up to 1.00 mm	+/-	0.10 mm
Up to 1.25 mm	+/-	0.13 mm
Up to 1.50 mm	+/-	0.15 mm
Up to 2.00 mm	+/-	0.20 mm

Pressure utilisation degree (reference values) in %

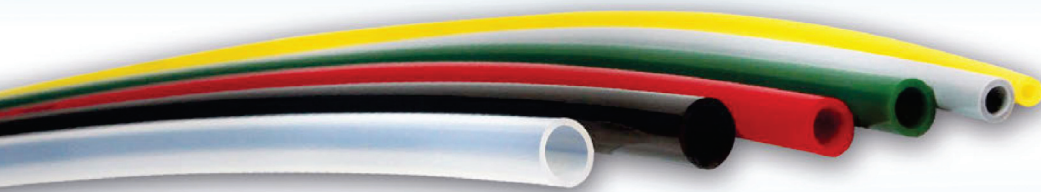
Pressure utilisation	100%	86%	75%	68%	62%
Temperature	-35 °C to +20 °C	+30 °C	+40 °C	+50 °C	+60 °C

Example: PUR hose 8/6 - permissible Op. pressure at 50 °C (12 bar x 68%) = 8 bar permissible.

Plastic hoses

Polyester Polyurethane PUR hoses ●

Product No.	Type	Nominal dimensions		Wall thick- ness mm	Colour	Op. pressure 20 °C bar	Min. bending radius mm	Weight g/m
		AD mm	ID mm					
	PUR	4	2	1	Natural	21	10	11.5
	PUR	4	2	1	Blue	21	10	11.5
	PUR	4	2	1	Black	21	10	11.5
	PUR	4	2	1	Grey	21	10	11.5
	PUR	4	2.5	0.75	Natural	15	13	9.3
	PUR	4	2.5	0.75	Blue	15	13	9.3
	PUR	4	2.5	0.75	Black	15	13	9.3
	PUR	4	2.5	0.75	Grey	15	13	9.3
	PUR	4	2.7	0.65	Natural	12	14	8.4
	PUR	4	2.7	0.65	Blue	12	14	8.4
	PUR	4	2.7	0.65	Black	12	14	8.4
	PUR	4	2.7	0.65	Grey	12	14	8.4
	PUR	4.3	3 (2.9)	0.70	Natural	12	14	9.7
	PUR	4.3	3 (2.9)	0.70	Blue	12	14	9.7
	PUR	4.3	3 (2.9)	0.70	Black	12	14	9.7
	PUR	4.3	3 (2.9)	0.70	Grey	12	14	9.7
	PUR	5	3	1	Natural	16	12	15.3
	PUR	5	3	1	Blue	16	12	15.3
	PUR	5	3	1	Black	16	12	15.3
	PUR	5	3	1	Grey	16	12	15.3



Polyester Polyurethane PUR hoses

Product No.	Type	Nominal dimensions		Wall thickness mm	Colour	Op. pressure 20 °C bar	Min. bending radius mm	Weight g/m
		AD mm	ID mm					
	PUR	6	4 (3.9)	1.05	Natural	14	20	21.4
	PUR	6	4 (3.9)	1.05	Blue	14	20	21.4
	PUR	6	4 (3.9)	1.05	Black	14	20	21.4
	PUR	6	4 (3.9)	1.05	Red	14	20	21.4
	PUR	6	4 (3.9)	1.05	Green	14	20	21.4
	PUR	6	4 (3.9)	1.05	Yellow	14	20	21.4
	PUR	6	4 (3.9)	1.05	Grey	14	20	21.4
	PUR	8	5	1.5	Natural	15	25	37.4
	PUR	8	5	1.5	Blue	15	25	37.4
	PUR	8	5	1.5	Black	15	25	37.4
	PUR	8	5	1.5	Grey	15	25	37.4
	PUR	8	5.5	1.25	Natural	12	30	32.3
	PUR	8	5.5	1.25	Blue	12	30	32.3
	PUR	8	5.5	1.25	Black	12	30	32.3
	PUR	8	5.5	1.25	Grey	12	30	32.3
	PUR	8	6 (5.7)	1.15	Natural	12	35	30.2
	PUR	8	6 (5.7)	1.15	Blue	12	35	30.2
	PUR	8	6 (5.7)	1.15	Black	12	35	30.2
	PUR	8	6 (5.7)	1.15	Red	12	35	30.2
	PUR	8	6 (5.7)	1.15	Green	12	35	30.2
	PUR	8	6 (5.7)	1.15	Yellow	12	35	30.2
	PUR	8	6 (5.7)	1.15	Grey	12	35	30.2
	PUR	10	7.5	1.25	Natural	9	50	41.9
	PUR	10	7.5	1.25	Blue	9	50	41.9
	PUR	10	7.5	1.25	Black	9	50	41.9
	PUR	10	7.5	1.25	Grey	9	50	41.9

Polyester Polyurethane PUR hoses

Product No.	Type	Nominal dimensions		Wall thick- ness mm	Colour	Op. pressure 20 °C bar	Min. bending radius mm	Weight g/m
		AD mm	ID mm					
	PUR	10	8 (7.7)	1.15	Natural	9	60	39.0
	PUR	10	8 (7.7)	1.15	Blue	9	60	39.0
	PUR	10	8 (7.7)	1.15	Black	9	60	39.0
	PUR	10	8 (7.7)	1.15	Grey	9	60	39.0
	PUR	11.5	9	1.25	Natural	8	55	49.1
	PUR	11.5	9	1.25	Blue	8	55	49.1
	PUR	11.5	9	1.25	Black	8	55	49.1
	PUR	11.5	9	1.25	Grey	8	55	49.1
	PUR	12	8	2	Natural	13	50	76.7
	PUR	12	8	2	Blue	13	50	76.7
	PUR	12	8	2	Black	13	50	76.7
	PUR	12	8	2	Grey	13	50	76.7
	PUR	12	9	1.5	Natural	10	55	60.4
	PUR	12	9	1.5	Blue	10	55	60.4
	PUR	12	9	1.5	Black	10	55	60.4
	PUR	12	9	1.5	Grey	10	55	60.4
	PUR	14	11	1.5	Natural	8	70	71.9
	PUR	14	11	1.5	Blue	8	70	71.9
	PUR	14	11	1.5	Black	8	70	71.9
	PUR	14	11	1.5	Grey	8	70	71.9
	PUR	15	12	1.5	Natural	7	80	77.6
	PUR	15	12	1.5	Blue	7	80	77.6
	PUR	15	12	1.5	Black	7	80	77.6
	PUR	15	12	1.5	Grey	7	80	77.6