



## 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.



## 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					
3047	PUR	4	2	1	Natural	21	10	11.5
3048	PUR	4	2	1	Blue	21	10	11.5
3049	PUR	4	2	1	Black	21	10	11.5
3063*	PUR	4	2	1	Grey	21	10	11.5
3073	PUR	4	2.5	0.75	Natural	15	13	9.3
3074	PUR	4	2.5	0.75	Blue	15	13	9.3
3075	PUR	4	2.5	0.75	Black	15	13	9.3
3088*	PUR	4	2.5	0.75	Grey	15	13	9.3
3079	PUR	4	2.7	0.65	Natural	12	14	8.4
3080	PUR	4	2.7	0.65	Blue	12	14	8.4
3081	PUR	4	2.7	0.65	Black	12	14	8.4
3085*	PUR	4	2.7	0.65	Grey	12	14	8.4
3001	PUR	4.3	3 (2.9)	0.70	Natural	12	14	9.7
3002	PUR	4.3	3 (2.9)	0.70	Blue	12	14	9.7
3003	PUR	4.3	3 (2.9)	0.70	Black	12	14	9.7
3007*	PUR	4.3	3 (2.9)	0.70	Grey	12	14	9.7
3011	PUR	5	3	1	Natural	16	12	15.3
3012	PUR	5	3	1	Blue	16	12	15.3
3013	PUR	5	3	1	Black	16	12	15.3
3017*	PUR	5	3	1	Grey	16	12	15.3



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		AD mm	ID mm					
3021	PUR	6	4 (3.9)	1.05	Natural	14	20	21.4
3022	PUR	6	4 (3.9)	1.05	Blue	14	20	21.4
3023	PUR	6	4 (3.9)	1.05	Black	14	20	21.4
3024	PUR	6	4 (3.9)	1.05	Red	14	20	21.4
3025	PUR	6	4 (3.9)	1.05	Green	14	20	21.4
3026	PUR	6	4 (3.9)	1.05	Yellow	14	20	21.4
3027	PUR	6	4 (3.9)	1.05	Grey	14	20	21.4
3144	PUR	8	5	1.5	Natural	15	25	37.4
3142	PUR	8	5	1.5	Blue	15	25	37.4
3145	PUR	8	5	1.5	Black	15	25	37.4
3146*	PUR	8	5	1.5	Grey	15	25	37.4
3065	PUR	8	5.5	1.25	Natural	12	30	32.3
3066	PUR	8	5.5	1.25	Blue	12	30	32.3
3067	PUR	8	5.5	1.25	Black	12	30	32.3
3071*	PUR	8	5.5	1.25	Grey	12	30	32.3
3031	PUR	8	6 (5.7)	1.15	Natural	12	35	30.2
3032	PUR	8	6 (5.7)	1.15	Blue	12	35	30.2
3033	PUR	8	6 (5.7)	1.15	Black	12	35	30.2
3034	PUR	8	6 (5.7)	1.15	Red	12	35	30.2
3035	PUR	8	6 (5.7)	1.15	Green	12	35	30.2
3036	PUR	8	6 (5.7)	1.15	Yellow	12	35	30.2
3037	PUR	8	6 (5.7)	1.15	Grey	12	35	30.2
3116	PUR	10	7.5	1.25	Natural	9	50	41.9
3117	PUR	10	7.5	1.25	Blue	9	50	41.9
3118	PUR	10	7.5	1.25	Black	9	50	41.9
3122*	PUR	10	7.5	1.25	Grey	9	50	41.9



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		AD mm	ID mm					
3041	PUR	10	8 (7.7)	1.15	Natural	9	60	39.0
3042	PUR	10	8 (7.7)	1.15	Blue	9	60	39.0
3043	PUR	10	8 (7.7)	1.15	Black	9	60	39.0
3094*	PUR	10	8 (7.7)	1.15	Grey	9	60	39.0
3050	PUR	11.5	9	1.25	Natural	8	55	49.1
3051	PUR	11.5	9	1.25	Blue	8	55	49.1
3052	PUR	11.5	9	1.25	Black	8	55	49.1
3056*	PUR	11.5	9	1.25	Grey	8	55	49.1
3150	PUR	12	8	2	Natural	13	50	76.7
3143	PUR	12	8	2	Blue	13	50	76.7
3151	PUR	12	8	2	Black	13	50	76.7
3152*	PUR	12	8	2	Grey	13	50	76.7
3044	PUR	12	9	1.5	Natural	10	55	60.4
3045	PUR	12	9	1.5	Blue	10	55	60.4
3046	PUR	12	9	1.5	Black	10	55	60.4
3103*	PUR	12	9	1.5	Grey	10	55	60.4
3134	PUR	14	11	1.5	Natural	8	70	71.9
3135	PUR	14	11	1.5	Blue	8	70	71.9
3136	PUR	14	11	1.5	Black	8	70	71.9
3137*	PUR	14	11	1.5	Grey	8	70	71.9
3170	PUR	15	12	1.5	Natural	7	80	77.6
3171	PUR	15	12	1.5	Blue	7	80	77.6
3172	PUR	15	12	1.5	Black	7	80	77.6
3173*	PUR	15	12	1.5	Grey	7	80	77.6