

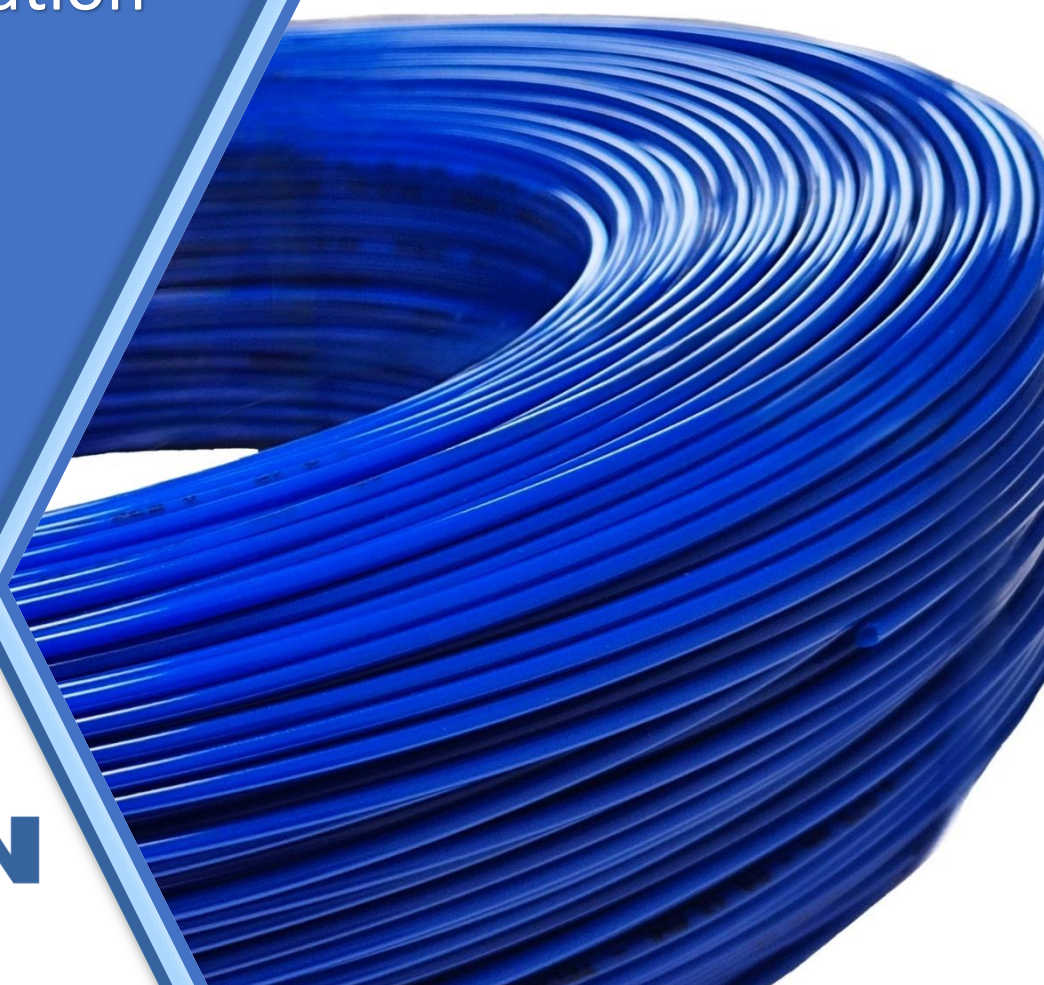
TECALAN

PU tubes

product information

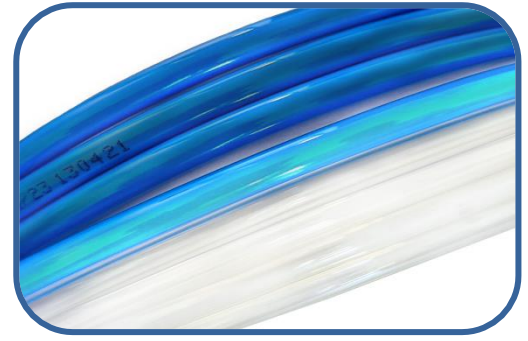
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TECALAN



PU tubes - 98 Shore A

- Very flexible tubes with good elastic properties even at low temperatures
- Good abrasion and ageing resistance, and good chemical resistance
- Temperature range: -40° C to + 60° C
- Safety factor of 3: 1



We recommend a black tube for outdoor applications.

The polyurethane material has a flexibility comparable to rubber and is significantly softer than polyamide. Due to the small bending radii, it is used in confined spaces where flexibility and kink resistance are required. It is used, for example, in pneumatic control systems, analysis devices, measurement and control technology, etc.

code	outer Ø x wall thickness [mm]	working pressure [bar]	min. bending radius [mm]	weight [kg/100 m]	colour	Length [m]	item no.
TL-PU 4/2,5	4 x 0,75	14	10	0,95	blue	100	PU042505
TL-PU 4/2,5	4 x 0,75	14	10	0,95	clear blue	100	PU042509
TL-PU 4/2,5	4 x 0,75	14	10	0,95	clear blue	25	PU042519
TL-PU 4/2,5	4 x 0,75	14	10	0,95	black	100	PU042508
TL-PU 4/2,5	4 x 0,75	14	10	0,95	black	25	PU042518
TL-PU 4/2,5	4 x 0,75	14	10	0,95	silver	100	PU042504
TL-PU 4/2	4 x 1	22	10	1,15	clear	100	PU040202
TL-PU 4/2	4 x 1	22	10	1,15	blue	100	PU040205
TL-PU 5/3	5 x 1	15	15	1,55	blue	100	PU050305
TL-PU 6/4	6 x 1	13	20	1,90	clear	100	PU060402
TL-PU 6/4	6 x 1	13	20	1,90	blue	100	PU060405
TL-PU 6/4	6 x 1	13	20	1,90	blue	25	PU060415
TL-PU 6/4	6 x 1	13	20	1,90	clear blue	100	PU060409
TL-PU 6/4	6 x 1	13	20	1,90	clear blue	25	PU060419
TL-PU 6/4	6 x 1	13	20	1,90	yellow	100	PU060407
TL-PU 6/4	6 x 1	13	20	1,90	red	100	PU060403
TL-PU 6/4	6 x 1	13	20	1,90	black	100	PU060408
TL-PU 8/5	8 x 1,5	15	30	3,80	blue	100	PU080505
TL-PU 8/6	8 x 1	11	30	2,70	clear	100	PU080602
TL-PU 8/6	8 x 1	11	30	2,70	blue	100	PU080605
TL-PU 8/6	8 x 1	11	30	2,70	blue	25	PU080615
TL-PU 8/6	8 x 1	11	30	2,70	clear blue	100	PU080609
TL-PU 8/6	8 x 1	11	30	2,70	clear blue	25	PU080619
TL-PU 8/6	8 x 1	11	30	2,70	yellow	100	PU080607
TL-PU 8/6	8 x 1	11	30	2,70	red	100	PU080603
TL-PU 8/6	8 x 1	11	30	2,70	black	100	PU080608
TL-PU 8/5,5	8 x 1,25	12	30	3,30	blue	100	PU085505
TL-PU 8/5,5	8 x 1,25	12	30	3,30	blue	25	PU085515
TL-PU 8/5,5	8 x 1,25	12	30	3,30	yellow	100	PU085507
TL-PU 8/5,5	8 x 1,25	12	30	3,30	red	100	PU085503
TL-PU 8/5,5	8 x 1,25	12	30	3,30	black	100	PU085508

code	outer Ø x wall thickness [mm]	working pressure [bar]	min. bending radius [mm]	weight [kg/100 m]	colour	Length [m]	item no.
TL-PU 10/6,5	10 x 1,75	13	40	5,60	blue	100	PU106505
TL-PU 10/7,5	10 x 1,25	9	40	4,20	blue	100	PU107505
TL-PU 10/7	10 x 1,5	11	30	4,90	blue	100	PU100705
TL-PU 10/7	10 x 1,5	11	30	4,90	blue	25	PU100715
TL-PU 10/7	10 x 1,5	11	30	4,90	black	100	PU100708
TL-PU 10/8	10 x 1	9	40	3,45	clear	100	PU100802
TL-PU 10/8	10 x 1	9	40	3,45	blue	100	PU100805
TL-PU 10/8	10 x 1	9	40	3,45	blue	25	PU100815
TL-PU 10/8	10 x 1	9	40	3,45	yellow	100	PU100807
TL-PU 10/8	10 x 1	9	40	3,45	red	100	PU100803
TL-PU 10/8	10 x 1	9	40	3,45	black	100	PU100808
TL-PU 12/8	12 x 2	12	50	7,80	blue	100	PU120805
TL-PU 12/8	12 x 2	12	50	7,80	red	100	PU120803
TL-PU 12/8	12 x 2	12	50	7,80	black	100	PU120808
TL-PU 12/9	12 x 1,5	9	40	6,00	blue	100	PU120905
TL-PU 12/9	12 x 1,5	9	40	6,00	black	100	PU120908

Utilization factor of the permissible working pressures

Temperature range	from -40°C to				
	+23°C	+30°C	+40°C	+50°C	+60°C
working pressure utilization rate	100%	87%	74%	64%	57%

- ➔ tolerance inside Ø: +/- 0,1 mm
- ➔ tolerance outside Ø: bis 8 +/- 0,1 mm, bigger +/- 0,15 mm