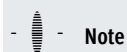


Datasheet

Plastic tubing PUN

Highly flexible plastic tubing

Material: Polyurethane

**Note**

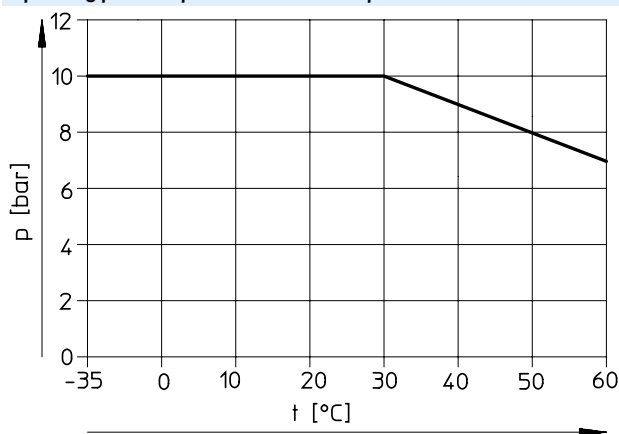
The plastic tubing may only be installed in contact with cables if their sheathing is free from phosphoric acid esters. Failure to observe this can result in damage to the plastic tubing.



Operating and environmental conditions

Type		PUN-3	PUN-4	PUN-6	PUN-8	PUN-10	PUN-12	PUN-14	PUN-16
O.D.	[mm]	3	4	6	8	10	12	14	16
Pneumatic connection									
For push-in connector	[mm]	3	4	6	8	10	12	14	16
For barbed connector	[mm]	3	3	4	6	–	–	–	–
For barbed connector with union nut	[mm]	–	3	4	6	–	–	–	–
Temperature-dependent operating pressure	[MPa]	–0.095 ... +1							
	[bar]	–0.95 ... +10 → graph							
	[psi]	–13,775 ... +145							
Operating medium		Compressed air to ISO 8573-1:2010 [7:-:-]							
LABS (PWIS) conformity		VDMA24364-B2-L							
Ambient temperature	[°C]	–35 ... +60							
Material fire test		UL94 HB							
Certification		German Technical Control Board (TÜV)							
Certificate-issuing authority		B 013277 0506 00							
Tubing characteristics		Suitable for energy chains							

Operating pressure p as a function of temperature t



Materials

Shore hardness	D 52 ±3
Material of tubing	TPE-U(PU)
Note on materials	RoHS-compliant

Datasheet

Dimensions and ordering data								
O.D.	I.D.	Min. bending radius	Flow-relevant bending radius	Weight	Colour	Part no.	Type	PJ ¹⁾
[mm]	[mm]	[mm]	[mm]	[kg/m]				[m]
6	4.0	16	26.5	0.0192	Silver	152586	PUN-6x1-SI	50
					Silver	525740	PUN-6x1-SI-500	500
					Blue	159664	PUN-6x1-BL	50
					Blue	525747	PUN-6x1-BL-500	500
					Black	159665	PUN-6x1-SW	50
					Black	553938	PUN-6x1-SW-500	500
					Yellow	178418	PUN-6x1-GE	50
					Green	178425	PUN-6x1-GN	50
					Red	178411	PUN-6x1-RT	50
8	5.7	24	37	0.0302	Silver	152587	PUN-8x1.25-SI	1 ... 50
					Silver	525741	PUN-8x1.25-SI-400	400
					Blue	159666	PUN-8x1.25-BL	1 ... 50
					Blue	525748	PUN-8x1.25-BL-400	400
					Black	159667	PUN-8x1.25-SW	1 ... 50
					Black	553939	PUN-8x1.25-SW-400	400
					Yellow	178419	PUN-8x1.25-GE	1 ... 50
					Green	178426	PUN-8x1.25-GN	1 ... 50
					Red	178412	PUN-8x1.25-RT	1 ... 50
10	7.0	28	54	0.0489	Silver	152588	PUN-10x1.5-SI	1 ... 50
					Silver	525742	PUN-10x1.5-SI-300	300
					Blue	159668	PUN-10x1.5-BL	1 ... 50
					Blue	525749	PUN-10x1.5-BL-300	300
					Black	159669	PUN-10x1.5-SW	1 ... 50
					Black	553940	PUN-10x1.5-SW-300	300
					Yellow	178420	PUN-10x1.5-GE	1 ... 50
					Green	178427	PUN-10x1.5-GN	1 ... 50
					Red	178413	PUN-10x1.5-RT	1 ... 50
12	8.0	33	62	0.0767	Silver	152589	PUN-12x2-SI	1 ... 50
					Silver	525743	PUN-12x2-SI-200	200
					Blue	159670	PUN-12x2-BL	1 ... 50
					Blue	525750	PUN-12x2-BL-200	200
					Black	159671	PUN-12x2-SW	1 ... 50
					Black	553941	PUN-12x2-SW-200	200
					Yellow	178421	PUN-12x2-GE	1 ... 50
					Green	178428	PUN-12x2-GN	1 ... 50
					Red	178414	PUN-12x2-RT	1 ... 50
14	9.8	45	84	0.0949	Silver	570389	PUN-14x2-SI	1 ... 50
					Blue	570390	PUN-14x2-BL	1 ... 50
					Black	570391	PUN-14x2-SW	1 ... 50
16	11.0	45	88	0.1294	Silver	152590	PUN-16x2.5-SI	1 ... 50
					Silver	525744	PUN-16x2.5-SI-100	100
					Blue	159672	PUN-16x2.5-BL	1 ... 50
					Blue	525751	PUN-16x2.5-BL-100	100
					Black	159673	PUN-16x2.5-SW	1 ... 50
					Black	553942	PUN-16x2.5-SW-100	100
					Yellow	178422	PUN-16x2.5-GE	1 ... 50
					Green	178429	PUN-16x2.5-GN	1 ... 50
					Red	178415	PUN-16x2.5-RT	1 ... 50

1) Packaging unit
Can only be ordered by the metre.