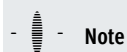


Datasheet

Plastic tubing PUN

Highly flexible plastic tubing

Material: Polyurethane

**Note**

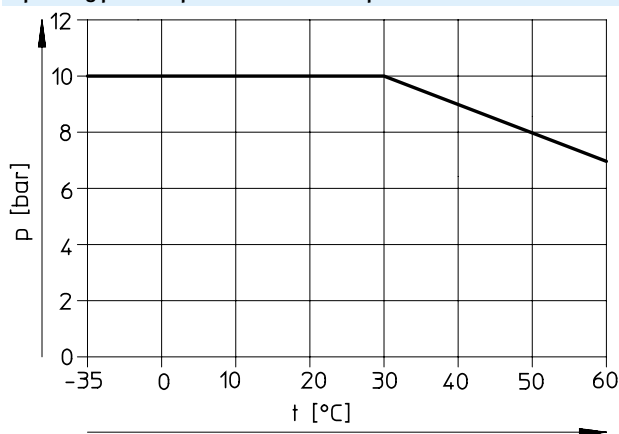
The plastic tubing may only be installed in contact with cables if their sheathing is free from phosphoric acid esters. Failure to observe this can result in damage to the plastic tubing.



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

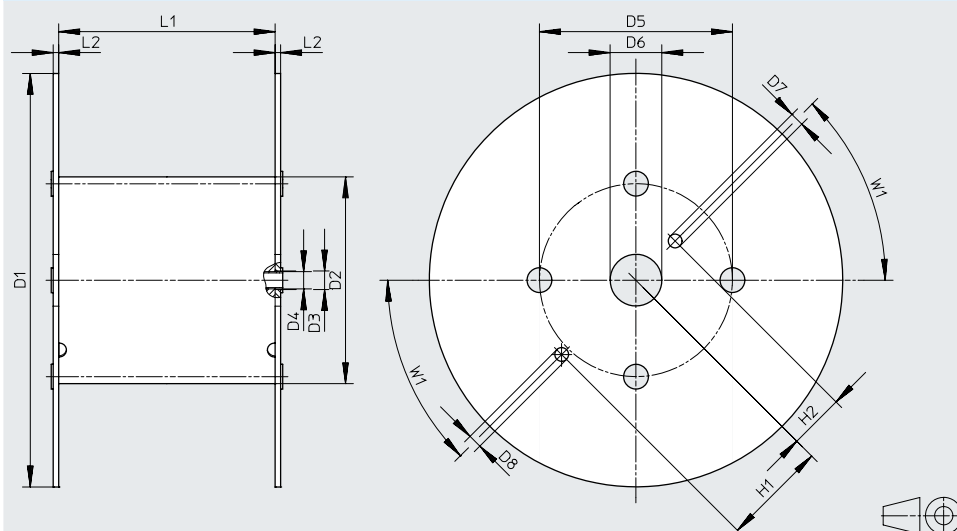


Materials

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

Datasheet

Dimensions – Reel



Type	D1 ø	D2 ø	D3 ø	D4 ø	D5 ø	D6 ø	D7 ø	D8 ø	H1	H2	L1	L2	W1
For PUN-3x0.5-...-500	545	246	21	20	216	75	20	20	152.5	80.5	128	8	45°
For PUN-4x0.75-...-500	545	246	21	20	216	75	20	20	152.5	80.5	128	8	45°
For PUN-6x1-...-500	600	310	21	20	280	75	20	20	152.5	80.5	114	8	45°
For PUN-8x1.5-...-400	545	310	21	20	280	75	20	20	152.5	80.5	254	8	45°
For PUN-10x1.5-...-300	600	310	21	20	280	75	20	20	152.5	80.5	254	8	45°
For PUN-12x2-...-200	600	310	21	20	280	75	20	20	152.5	80.5	254	8	45°
For PUN-16x2.5-...-100	545	310	21	20	280	75	20	20	152.5	80.5	254	8	45°

Dimensions and ordering data

O.D. [mm]	I.D. [mm]	Min. bending radius [mm]	Flow-relevant bending radius [mm]	Weight [kg/m]	Colour	Part no.	Type	PJ ¹⁾ [m]
3	2.1	9	12	0.0044	Silver	152583	PUN-3x0.5-SI	50
					Silver	525738	PUN-3x0.5-SI-500	500
					Blue	159660	PUN-3x0.5-BL	50
					Blue	525745	PUN-3x0.5-BL-500	500
					Black	159661	PUN-3x0.5-SW	50
					Black	553936	PUN-3x0.5-SW-500	500
					Yellow	178416	PUN-3x0.5-GE	50
					Green	178423	PUN-3x0.5-GN	50
4	2.6	8	17	0.0089	Red	178409	PUN-3x0.5-RT	50
					Silver	152584	PUN-4x0.75-SI	50
					Silver	525739	PUN-4x0.75-SI-500	500
					Blue	159662	PUN-4x0.75-BL	50
					Blue	525746	PUN-4x0.75-BL-500	500
					Black	159663	PUN-4x0.75-SW	50
					Black	553937	PUN-4x0.75-SW-500	500
					Yellow	178417	PUN-4x0.75-GE	50
					Green	178424	PUN-4x0.75-GN	50
					Red	178410	PUN-4x0.75-RT	50

1) Packaging unit