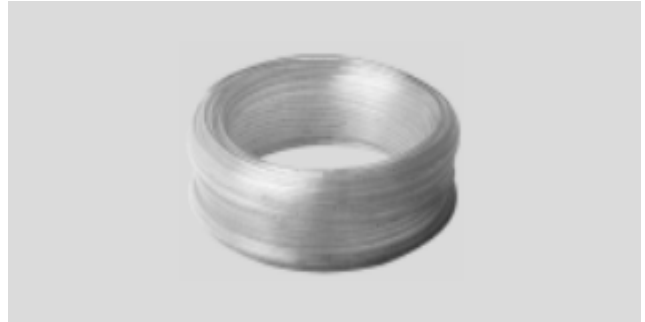


Plastic Tubing PUN

FESTO

plastic tubing PUN

Highly flexible plastic tubing



Operating and environmental conditions

Temperature dependent [bar]	-0.95 ...+10
operating pressure	
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:-:-]
Ambient temperature [°C]	-35 ...+60
Material fire test	UL94 HB
Approval	German Technical Control Board (TUV)
Tubing characteristics	Suitable for energy chains for applications with a high cycle rate
Tubing test conditions	Suitable for energy chains: > 5 million cycles to Festo standard 942021

Materials

Shore hardness	D 52±3
Tubing	TPE-U(PU)
Note on materials	Conforms to RoHS
	Free of copper and PTFE

Plastic tubing, Standard O.D.

Type codes

		PUN	-	12X2	-	BL	-	200
Material								
PUN	Polyurethane							
Outside Ø x wall thickness[mm]								
Colour								
SW	Black							
BL	Blue							
GN	Green							
RT	Red							
GE	Yellow							
SI	Silver							
Packaging unit [m]								

Plastic tubing PUN

FESTO

Technical data

Dimensions and ordering data								
O.D.	I.D.	Min.bending radius	Flow-relevant bending radius	Weight	Colour	Part No	Type	PU
[mm]	[mm]	[mm]	[mm]	[kg/m]				[m]
3.0	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
					Red	178409	PUN-3x0,5-RT	50
4.0	2.6	8	17	0.0089	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
6.0	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

O.D.	I.D.	Min.bending radius	Flow-relevant bending radius	Weight	Colour	Part No	Type	PU
[mm]	[mm]	[mm]	[mm]	[kg/m]				[m]
8.0	5.7	24	37	0.0302	Red	178411	PUN-6x1-RT	50
					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
10.0	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
12.0	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-WI-200	200
					Yellow	178421	PUN-12x2-GE	1...50
					Green	178428	PUN-12x2-GN	1...50
					Red	178414	PUN-12x2-RT	1...50
14.0	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

O.D.	I.D.	Min.bending radius	Flow-relevant bending radius	Weight	Colour	Part No	Type	PU
[mm]	[mm]	[mm]	[mm]	[kg/m]				[m]
16.0	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