APDatec 81

Multilayer compressed air hose made of PVC with highly tear-resistant Polyester fabric

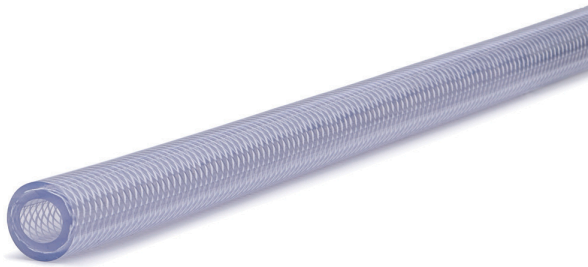
Applications compressed air, compressors, food production & -conveying, printing machines, water drain

Structure soft PVC, uncolored, transparent, cross braid

Temperature -20°C up to 65°C

Properties good flexibility, good tensile strength, ultimate elongation, crush-resistant, high pressure resistance, very smooth inside, smooth outside, phthalate-free

Norms material according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C | certified according to Food EU Directive (EC) No. 1935/2004 & Regulation (EC) No. 10/2011 for A, B, C







made in Germany

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Total Weight per Piece (kg)	Length (m)	Article Number
4	10,00	3,00	15	28,00	84,00	0,08000	4,00	50	810043050
5	11,00	3,00	18	28,00	84,00	0,09600	4,80	50	810053050
6	12,00	3,00	25	25,00	75,00	0,10800	10,80	100	810063000
6	12,00	3,00	25	25,00	75,00	0,10800	1,08	10	810063010
6	12,00	3,00	25	25,00	75,00	0,10800	2,70	25	810063025
6	11,00	2,50	25	25,00	75,00	0,08500	4,25	50	810062550
6	12,00	3,00	25	25,00	75,00	0,10800	5,40	50	810063050
8	14,00	3,00	30	24,00	72,00	0,12600	6,30	50	810083050
9	15,00	3,00	35	22,00	66,00	0,13800	13,80	100	810093000
9	15,00	3,00	35	22,00	66,00	0,13800	3,45	25	810093025
9	14,00	2,50	30	22,00	66,00	0,11500	5,75	50	810092550
9	15,00	3,00	35	22,00	66,00	0,13800	6,90	50	810093050
10	16,00	3,00	40	21,00	63,00	0,15600	3,90	25	810103025
10	16,00	3,00	40	21,00	63,00	0,15600	15,60	100	810103000
10	16,00	3,00	40	21,00	63,00	0,15600	7,80	50	810103050
12	18,00	3,00	55	17,00	51,00	0,18000	9,00	50	810123050
12	21,00	4,50	55	17,00	51,00	0,29700	14,85	50	810124550
12,5	18,50	3,00	70	15,00	45,00	0,18600	1,86	10	811253010
12,5	18,50	3,00	70	15,00	45,00	0,18600	4,65	25	811253025
12,5	18,50	3,00	70	15,00	45,00	0,18600	9,30	50	811253050
13	20,00	3,50	72	16,00	48,00	0,23120	5,78	25	810133525
13	19,00	3,00	70	15,00	45,00	0,19200	9,60	50	810133050

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. Technical changes and color deviations are subject to change. Other versions are available upon request.
Date: 23.11.2026

Inner Diameter (mm)	Outer Diameter (mm)	Wall Thickness (mm)	Bending Radius (mm)	Max. Operating Pressure (bar)	Burst Pressure (bar)	Weight (kg/m)	Total Weight per Piece (kg)	Length (m)	Article Number
13	20,00	3,50	72	16,00	48,00	0,23100	11,55	50	810133550
15	21,00	3,00	75	15,00	45,00	0,21600	10,80	50	810153050
16	22,00	3,00	75	15,00	45,00	0,21940	10,97	50	810163050
16	23,00	3,50	75	15,00	45,00	0,27300	13,65	50	810163550
16	24,00	4,00	75	15,00	45,00	0,32080	16,04	50	810164050
19	26,00	3,50	130	10,00	30,00	0,31520	7,88	25	810193525
19	25,00	3,00	125	10,00	30,00	0,25400	12,70	50	810193050
19	26,00	3,50	130	10,00	30,00	0,31500	15,75	50	810193550
19	27,00	4,00	130	11,00	33,00	0,36800	9,20	25	810194025
19	27,00	4,00	130	11,00	33,00	0,36800	18,40	50	810194050
25	37,00	6,00	240	7,00	21,00	0,71500	35,75	50	810256050
25	33,00	4,00	200	9,00	27,00	0,46400	11,60	25	810254025
25	33,00	4,00	200	9,00	27,00	0,46400	23,20	50	810254050
25	34,00	4,50	220	8,00	24,00	0,53120	13,28	25	810254525
25	34,00	4,50	220	8,00	24,00	0,53100	26,55	50	810254550
30	38,00	4,00	250	7,00	21,00	0,54400	13,60	25	810304025
30	38,00	4,00	250	7,00	21,00	0,54400	27,20	50	810304050
32	42,00	5,00	310	8,00	24,00	0,74000	18,50	25	810325025
32	42,00	5,00	310	8,00	24,00	0,74000	37,00	50	810325050
38	48,00	5,00	420	6,00	18,00	0,86000	21,50	25	810385025
38	48,00	5,00	420	6,00	18,00	0,86000	43,00	50	810385050
45	55,00	5,00	550	4,00	12,00	1,00000	25,00	25	810455025
50	60,00	5,00	650	4,00	12,00	1,10000	27,50	25	810505025
50	60,00	5,00	650	4,00	12,00	1,10000	55,00	50	810505050

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