# APDatec 10

Flexible hose made of soft PVC wall, reinforced with shock-resistant PVC spiral

**Applications** irrigation, water drain, waste water, construction machines, sewage treatment plants

**Structure** soft PVC, green, transparent, plastic spiral / rigid PVC

**Temperature** -5°C up to 60°C

**Properties** good flexibility, high vacuum resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, good ozone- & UV-resistance, weather proof, phthalate-free

**Norms** ISO 1307

hydrolysis resistant · microbe-resistant · very smooth inside · liquids

made in Germany

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---|---|---|---|---|---|---|---|---|---|
| 13 | 18,00 | 2,50 | 55 | 7,00 | 0,69 | 0,14000 | 6,75 | 50 | 100130500 |
| 16 | 21,00 | 2,50 | 70 | 7,00 | 0,69 | 0,16000 | 8,00 | 50 | 100160500 |
| 19 | 24,00 | 2,50 | 80 | 7,00 | 0,69 | 0,20000 | 2,00 | 10 | 100190100 |
| 19 | 24,00 | 2,50 | 80 | 7,00 | 0,69 | 0,20000 | 4,00 | 20 | 100190200 |
| 19 | 24,00 | 2,50 | 80 | 7,00 | 0,69 | 0,01200 | 5,00 | 25 | 100190250 |
| 19 | 24,00 | 2,50 | 80 | 7,00 | 0,69 | 0,04600 | 10,00 | 50 | 100190500 |
| 25 | 30,00 | 2,60 | 110 | 7,00 | 0,69 | 0,01500 | 2,50 | 10 | 100250100 |
| 25 | 30,00 | 2,60 | 110 | 7,00 | 0,69 | 0,02600 | 5,00 | 20 | 100250200 |
| 25 | 30,00 | 2,60 | 110 | 7,00 | 0,69 | 0,04600 | 6,25 | 25 | 100250250 |
| 25 | 30,00 | 2,60 | 110 | 7,00 | 0,69 | 0,01900 | 12,50 | 50 | 100250500 |
| 30 | 35,60 | 3,00 | 130 | 7,00 | 0,69 | 0,31000 | 15,50 | 50 | 100300500 |
| 32 | 37,60 | 3,00 | 140 | 7,00 | 0,69 | 0,32000 | 6,40 | 20 | 100320200 |
| 32 | 37,60 | 3,00 | 140 | 7,00 | 0,59 | 0,32000 | 3,20 | 10 | 100320100 |
| 32 | 37,60 | 3,00 | 140 | 7,00 | 0,59 | 0,32000 | 1,60 | 5 | 100320050 |
| 32 | 37,60 | 3,00 | 140 | 7,00 | 0,69 | 0,05400 | 8,00 | 25 | 100320250 |
| 32 | 37,60 | 3,00 | 140 | 7,00 | 0,69 | 0,04300 | 16,00 | 50 | 100320500 |
| 35 | 41,00 | 3,20 | 150 | 6,00 | 0,59 | 0,38000 | 19,00 | 50 | 100350500 |
| 38 | 44,40 | 3,20 | 180 | 6,00 | 0,59 | 0,42000 | 10,50 | 25 | 100380250 |
| 38 | 44,40 | 3,20 | 180 | 6,00 | 0,59 | 0,42000 | 21,00 | 50 | 100380500 |
| 40 | 46,60 | 3,30 | 190 | 6,00 | 0,59 | 0,47000 | 11,75 | 25 | 100400250 |
| 40 | 46,60 | 3,30 | 190 | 6,00 | 0,59 | 0,47000 | 23,50 | 50 | 100400500 |
| 45 | 51,60 | 3,40 | 220 | 5,00 | 0,59 | 0,53000 | 26,50 | 50 | 100450500 |



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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: 21.10.2026

| Inner Diameter (mm) | Outer Diameter (mm) | Wall Thickness (mm) | Bending Radius (mm) | Max. Operating Pressure (bar) | Vacuum Max. (bar) | Weight (kg/m) | Total Weight per Piece (kg) | Length (m) | Article Number |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 56,80 | 3,70 | 240 | 5,00 | 0,59 | 0,64000 | 16,00 | 25 | 100500250 |
| 50 | 56,80 | 3,70 | 240 | 5,00 | 0,59 | 0,64000 | 32,00 | 50 | 100500500 |
| 55 | 62,00 | 3,50 | 250 | 5,00 | 0,59 | 0,70000 | 35,00 | 50 | 100550500 |
| 60 | 67,00 | 3,90 | 270 | 5,00 | 0,59 | 0,77000 | 38,50 | 50 | 100600500 |
| 63 | 70,00 | 3,90 | 290 | 5,00 | 0,59 | 0,81000 | 40,50 | 50 | 100630500 |
| 70 | 77,60 | 4,20 | 320 | 4,00 | 0,59 | 1,00000 | 50,00 | 50 | 100700500 |
| 76 | 84,80 | 4,40 | 370 | 4,00 | 0,59 | 1,15000 | 57,50 | 50 | 100750500 |
| 80 | 88,20 | 4,50 | 400 | 4,00 | 0,69 | 1,30000 | 65,00 | 50 | 100800500 |
| 90 | 98,80 | 4,40 | 450 | 4,00 | 0,69 | 1,56000 | 78,00 | 50 | 100900500 |
| 100 | 111,40 | 5,40 | 500 | 4,00 | 0,59 | 1,71000 | 85,50 | 50 | 101000500 |
| 110 | 122,00 | 5,60 | 530 | 4,00 | 0,59 | 2,10000 | 52,50 | 25 | 101100250 |
| 120 | 132,80 | 5,70 | 600 | 3,00 | 0,59 | 3,00000 | 75,00 | 25 | 101200250 |
| 125 | 138,40 | 6,70 | 690 | 3,00 | 0,59 | 2,90000 | 72,50 | 25 | 101250250 |
| 150 | 164,60 | 7,30 | 810 | 2,00 | 0,59 | 3,72000 | 93,00 | 25 | 101500250 |



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