

Vinyl Tubing

Series PV: Clear Vinyl Tubing

Instrument and laboratory grade
PVC tubing.



Features

- Made from a virgin clear PVC (polyvinyl chloride) resin; specifically formulated for exceptional purity, clarity and flexibility
- 70 durometer for soft, easy handling and bending without tubing collapse

Compliance

- FDA, CFR21 Part 177 Compliant for Food Contact

Notes

- Formula V-1 tubing fully meets all specifications called out by the United States Food and Drug Administration (FDA) for materials in contact with food and drugs for human consumption
- Phthalate free construction
- Suggested operating temperature range is -40°F (-18°C) to 150°F (65°C - reference Pressure vs. Temperature charts as pressures are lower at elevated temperatures
- Working pressure and burst pressure are at 73°F (23°C)

Fittings

Parker Fittings available from:
Fluid System Connectors Division
Otsego, MI

[269] 692-6555
[269] 692-6634 FAX
parker.com/fsc

For approved fittings and/or suggested use of tube supports, reference Tube/Fitting Compatibility Chart (pg. B-8/B-9) or contact Parker Fluid Systems Connectors Division

Order Information

Example: PV108-1

PV108-1 – Poly-Vinyl

PV108-1 – **Tube O.D.** in sixteenths of an inch (**5/8"**)

PV108-1 – **Tube I.D.** in sixteenths of an inch (**1/2"**)

PV108-1 – **Formula V-1 FDA Approved Formulation**



WARNING

This product can expose you to chemicals including Di (2-ethylhexyl) phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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| Part Number | Tube O.D. | | Tube I.D. | | Average Wall Thickness | | Working Pressure 73°F (23°C) | | Package Qty | Weight | |
|-------------|-----------|------|-----------|------|------------------------|-----|---------------------------------|-----|-------------|--------|----------|
| | inch | mm | inch | mm | inch | mm | psi | bar | | ft | lbs./ft. |
| PV21-1 | 1/8 | 3.2 | .063 | 1.6 | .031 | 0.8 | 35 | 2.4 | 100 | .005 | .007 |
| PV32-1 | .170 | 4.3 | .125 | 3.2 | .025 | 0.6 | 35 | 2.4 | 100 | .006 | .009 |
| PV42-1 | 1/4 | 6.4 | .125 | 3.2 | .063 | 1.6 | 65 | 4.5 | 100 | .025 | .037 |
| PV43-1 | 1/4 | 6.4 | .170 | 4.3 | .040 | 1.2 | 55 | 3.8 | 100 | .014 | .021 |
| PV403-1 | 1/4 | 6.4 | .188 | 4.8 | .031 | 0.8 | 22 | 1.5 | 100 | .011 | .016 |
| PV53-1 | 5/16 | 7.9 | .188 | 4.8 | .063 | 1.6 | 55 | 3.8 | 100 | .025 | .037 |
| PV63-1 | 3/8 | 9.5 | .188 | 4.8 | .094 | 2.4 | 65 | 4.5 | 100 | .043 | .064 |
| PV73-1 | 7/16 | 11.1 | .188 | 4.8 | .125 | 3.2 | 75 | 5.2 | 100 | .063 | .094 |
| PV54-1 | 5/16 | 7.9 | .250 | 6.4 | .031 | 0.8 | 20 | 1.4 | 100 | .014 | .021 |
| PV64-1 | 3/8 | 9.5 | .250 | 6.4 | .064 | 1.6 | 55 | 3.8 | 100 | .032 | .048 |
| PV74-1 | 7/16 | 11.1 | .250 | 6.4 | .094 | 2.4 | 60 | 4.1 | 100 | .052 | .077 |
| PV84-1 | 1/2 | 12.7 | .250 | 6.4 | .125 | 3.2 | 70 | 4.8 | 100 | .076 | .113 |
| PV75-1 | 7/16 | 11.1 | .313 | 7.9 | .063 | 1.6 | 50 | 3.4 | 100 | .038 | .057 |
| PV85-1 | 1/2 | 12.7 | .313 | 7.9 | .094 | 2.4 | 60 | 4.1 | 100 | .062 | .092 |
| PV95-1 | 9/16 | 14.3 | .313 | 7.9 | .125 | 3.2 | 70 | 4.8 | 100 | .088 | .131 |
| PV86-1 | 1/2 | 12.7 | .375 | 9.5 | .063 | 1.6 | 45 | 3.1 | 100 | .044 | .065 |
| PV96-1 | 9/16 | 14.3 | .375 | 9.5 | .094 | 2.4 | 50 | 3.4 | 100 | .071 | .106 |
| PV106-1 | 5/8 | 15.9 | .375 | 9.5 | .125 | 3.2 | 60 | 4.1 | 100 | .101 | .150 |
| PV97-1 | 9/16 | 14.3 | .438 | 11.1 | .063 | 1.6 | 40 | 2.8 | 100 | .050 | .074 |
| PV107-1 | 5/8 | 15.9 | .438 | 11.1 | .094 | 2.4 | 45 | 3.1 | 100 | .080 | .119 |
| PV117-1 | 11/16 | 17.5 | .438 | 11.1 | .125 | 3.2 | 50 | 3.4 | 100 | .115 | .171 |
| PV108-1 | 5/8 | 15.9 | .500 | 12.7 | .063 | 1.6 | 30 | 2.1 | 100 | .057 | .085 |
| PV118-1 | 11/16 | 17.5 | .500 | 12.7 | .094 | 2.4 | 40 | 2.8 | 100 | .089 | .132 |
| PV128-1 | 3/4 | 19.1 | .500 | 12.7 | .125 | 3.2 | 45 | 3.1 | 100 | .126 | .188 |
| PV138-1 | 13/16 | 20.7 | .500 | 12.7 | .156 | 4.0 | 60 | 4.1 | 100 | .167 | .249 |
| PV129-1 | 3/4 | 19.1 | .563 | 14.3 | .094 | 2.4 | 40 | 2.8 | 100 | .099 | .147 |
| PV139-1 | 13/16 | 20.7 | .563 | 14.3 | .125 | 3.2 | 45 | 3.1 | 100 | .138 | .205 |

Colors

| Color Code | | |
|------------|---|---------|
| ○ | - | Natural |



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Vinyl Tubing

Series PV

Series PV - Vinyl Tubing

| Part Number | Tube O.D. | | Tube I.D. | | Average Wall Thickness | | Working Pressure 73°F (23°C) | | Package Qty | Weight | |
|-------------|-----------|------|-----------|------|------------------------|-----|---------------------------------|-----|-------------|--------|----------|
| | inch | mm | inch | mm | inch | mm | psi | bar | | ft | lbs./ft. |
| PV1310-1 | 13/16 | 20.7 | .625 | 15.9 | .094 | 2.4 | 35 | 2.4 | 100 | .108 | .161 |
| PV1410-1 | 7/8 | 22.2 | .625 | 15.9 | .125 | 3.2 | 40 | 2.8 | 100 | .151 | .225 |
| PV1510-1 | 15/16 | 23.8 | .625 | 15.9 | .156 | 4.0 | 50 | 3.5 | 100 | .196 | .292 |
| PV1411-1 | 7/8 | 22.2 | .688 | 17.5 | .094 | 2.4 | 30 | 2.1 | 100 | .118 | .176 |
| PV1611-1 | 1 | 25.4 | .688 | 17.5 | .156 | 4.0 | 45 | 3.1 | 100 | .213 | .317 |
| PV1612-1 | 1 | 25.4 | .750 | 19.1 | .125 | 3.2 | 35 | 2.4 | 100 | .176 | .262 |
| PV1712-1 | 1-1/16 | 27 | .750 | 19.1 | .156 | 4.0 | 35 | 2.4 | 100 | .228 | .339 |
| PV1812-1 | 1-1/8 | 28.6 | .750 | 19.1 | .188 | 4.8 | 50 | 3.5 | 100 | .283 | .421 |
| PV2012-1 | 1-1/4 | 31.8 | .750 | 19.1 | .250 | 6.4 | 55 | 3.8 | 50 | .409 | .609 |
| PV1814-1 | 1-1/8 | 28.6 | .875 | 22.2 | .125 | 3.2 | 30 | 2.1 | 50 | .201 | .299 |
| PV1914-1 | 1-3/16 | 30.2 | .875 | 22.2 | .156 | 4.0 | 35 | 2.4 | 50 | .259 | .385 |
| PV2014-1 | 1-1/4 | 31.8 | .875 | 22.2 | .188 | 4.8 | 45 | 3.1 | 50 | .321 | .478 |
| PV2016-1 | 1-1/4 | 31.8 | 1.000 | 25.4 | .125 | 3.2 | 25 | 1.7 | 50 | .230 | .342 |
| PV2116-1 | 1-5/16 | 33.4 | 1.000 | 25.4 | .156 | 4.0 | 30 | 2.1 | 50 | .291 | .433 |
| PV2216-1 | 1-3/8 | 34.9 | 1.000 | 25.4 | .188 | 4.8 | 40 | 2.8 | 50 | .359 | .534 |
| PV2416-1 | 1-1/2 | 38.1 | 1.000 | 25.4 | .250 | 6.4 | 45 | 3.1 | 50 | .514 | .765 |
| PV2218-1 | 1-3/8 | 34.9 | 1.125 | 28.6 | .125 | 3.2 | 25 | 1.7 | 50 | .252 | .375 |
| PV2420-1 | 1-1/2 | 38.1 | 1.250 | 31.8 | .125 | 3.2 | 20 | 1.4 | 50 | .277 | .412 |
| PV2620-1 | 1-5/8 | 41.3 | 1.250 | 31.8 | .188 | 4.8 | 35 | 2.4 | 50 | .434 | .646 |
| PV2820-1 | 1-3/4 | 44.4 | 1.250 | 31.8 | .250 | 6.4 | 45 | 3.1 | 50 | .604 | .899 |
| PV3024-1 | 1-7/8 | 47.6 | 1.500 | 38.1 | .188 | 4.8 | 30 | 2.1 | 50 | .510 | .759 |
| PV3224-1 | 2 | 50.8 | 1.500 | 38.1 | .250 | 6.4 | 40 | 2.8 | 50 | .705 | 1.05 |
| PV3628-1 | 2-1/4 | 57.2 | 1.750 | 44.4 | .250 | 6.4 | 30 | 2.1 | 50 | .806 | 1.20 |
| PV4032-1 | 2-1/2 | 63.5 | 2.000 | 50.8 | .250 | 6.4 | 35 | 2.4 | 50 | .906 | 1.35 |



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