

D5000 PC TUBING

Full Size Outlet Pool with a raised wall design helps prevent soil ingestion.



Extra Large Flow Labyrinth reduces pressure while forming high turbulence in the dripper to keep solids in suspension. Most plug resistant flow path in the industry.

Chemical Resistant Silicon Injected Diaphragm with self-cleaning feature.

40 Independent Filters across a unique multi-zone inlet area provides 300% more functional filtration area compared to main competitive product in the market. More inlet filters means maximum protection against clogging.



Applications

For subsurface or surface applications, multi-season use. Orchards, vineyards, row crops, greenhouse and nursery.

Features & Benefits

Pressure compensating for precise and uniform flow rates along entire length of the lateral and in undulating terrain. Allows for longer run lengths.

Select from several flow rates, diameters and spacings to match the soil infiltration rate.

Wide range of pressure regulation from 7 to 51 psi maintains a uniform flow rate regardless of the water pressure to optimize irrigation and maximize crop yields.

Item #	Size	Dripper Spacing	Flow per Drinker	(or)	Flow per Drinker	Price
D512	18 MM(1/2") x 1,000'	12"	0.92 GPH	..	0.40 GPH (#D512-40)	\$105.00
D518	18 MM(1/2") x 1,000'	18"	0.92 GPH	..	0.40 GPH (#D518-40)	\$98.00
D524	18 MM(1/2") x 1,000'	24"	0.92 GPH	..	0.40 GPH (#D524-40)	\$93.00
D536	18 MM(1/2") x 1,000'	36"	0.92 GPH	..		\$86.00



Hydro PC Tubing

Max. Recommended Row Length (Feet)

Inlet Pressure	Dripper Spacing							
	12"		18"		24"		36"	
Dripper Flow Rate (gph) →	0.40	0.92	0.40	0.92	0.40	0.92	0.40	0.92
15 PSI	281	165	364	215	486	288	616	364
30 PSI	486	286	670	395	848	502	1143	676
44 PSI	595	350	828	487	1044	616	1415	837



Hose / Pipe

FITTINGS

3/4" & 1" Fittings are Power-Loc; 1/2" fittings are Smart-Loc. Smart-Loc will accept 16MM & 18MM.

<h3>18 MM x MPT w/ Valve</h3> <p>18MM x 1/2" MPT FHV6-50MPT.....1-49 \$ 1.50 50+ \$ 1.30</p> <p>18MM x 3/4" MPT FHV6-75MPT.....1-49 \$ 1.50 50+ \$ 1.30</p>	<h3>Coupler w/ Expanding Ring</h3> <p>Part #1818</p> <p>18MM x 18MM</p> <p>1-49 \$ 0.35 50+ \$ 0.25</p>	<h3>Support Hooks</h3> <p>18MM 2024 \$ 0.07 20MM 1039 \$ 0.11</p> <p>*500 Per Bag Clips Tubing to Trellis</p>	<h3>Xpando Adapter</h3> <p>Xpando Adapter PVC PIPE x MM.OD</p> <p>45635 18 \$ 0.75 45585 20 \$ 0.80</p> <p>Rubber Grommet 45745 \$ 0.55 Drill Bit For Grommet 1858 \$ 22.00</p>
<h3>Ball Valve</h3> <p>In-line coupler with valve</p> <p>Power-Loc in 3/4"</p> <p>FHV-600 1/2" \$ 1.50 CV-75 3/4" \$ 3.20</p>	<h3>Coupling</h3> <p>Power-Loc Smart-Loc</p> <p>CC-50 1/2" \$ 0.85 CC-75 3/4" \$ 1.50 CC-100 1" \$ 2.05</p>	<h3>Garden Hose Swivel</h3> <p>Power-Loc Smart-Loc</p> <p>CHS-50 1/2" \$ 1.25 CHS-75 3/4" \$ 2.35 CHS-100 1" \$ 3.90</p>	<h3>MPT Adapter</h3> <p>Power-Loc Smart-Loc</p> <p>CM-50 1/2" \$ 0.65 CM-75 3/4" \$ 1.20 CM-100 1" \$ 1.84</p>
<h3>Tee</h3> <p>Power-Loc Smart-Loc</p> <p>CT-50 1/2" \$ 1.08 CT-75 3/4" \$ 3.25 CT-100 1" \$ 4.22</p>	<h3>Self-Flush End</h3> <p>Power-Loc in both sizes</p> <p>CFL-50 1/2" \$ 1.95 CFL-75 3/4" \$ 2.50</p>	<h3>End Cap</h3> <p>Plug with threaded end cap</p> <p>Power-Loc Smart-Loc</p> <p>CEC-50 1/2" \$ 0.85 CEC-75 3/4" \$ 1.44 CEC-100 1" \$ 2.20</p>	<h3>Figure-Eight</h3> <p>Plug off your tubing by kinking it with a figure eight!</p> <p>700AP8 1/2" \$ 0.10 900AP8 3/4" \$ 0.25</p>
<h3>Female Tee</h3> <p>Power-Loc x GH Swivel</p> <p>Power-Loc in both sizes</p> <p>CHT-50 1/2" \$ 1.50 CHT-75 3/4" \$ 2.85</p>	<h3>Elbow</h3> <p>Power-Loc Smart-Loc</p> <p>CE-50 1/2" \$ 0.90 CE-75 3/4" \$ 2.45 CE-100 1" \$ 3.14</p>	<h3>FHA6-LF</h3> <p>18MM x Layflat</p> <p>1-49 \$ 0.75 50+ \$ 0.65</p>	<h3>FHV6-425G FHA6-425RG</h3> <p>18MM x Oval Hose w/ Valve 18MM Tubing x Oval Hose</p> <p>1-49 \$ 1.50 1-49 \$ 0.60 50+ \$ 1.30 50+ \$ 0.40</p>

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