

## Fold Flat Jump Stanchion Item List

Courtesy of Galen South, Tom Francis, and Windy City Agility Club – May 22, 2008

Quantity per Pair of Stanchions	Item
6	1-1/4" Tee
4	1-1/4" 90 degree elbow
4	1-1/4" End Caps for base
2	1-1/4" End Caps for Top of stanchions (optional - see **)
2	1-1/4" PVC Pipe length = 6"
8	1-1/4" PVC Pipe length = 2-1/4"
4	1-1/4" PVC Pipe length = 3-3/4"
2	1-1/4" PVC Pipe length = 36"
1	3/4" PVC length = 48" (Jump Bar)**
2	Bar holder strips*

\*available from [www.clipandgoagility.com/JumpCupStrips.htm](http://www.clipandgoagility.com/JumpCupStrips.htm) - sold in pairs!

\*\*Option for storage: If you do not put end caps on the top of the uprights... and you do not use screws to fasten the Bar Holder strips... the jump bar will actually slide into the upright and can be stored/carried that way. This is actually pretty handy.

PVC comes in 10" lengths. (1) 10 foot length will make one pair of stanchions.

### Tips

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PVC is available two grades:

#### 1) Contractor grade (Home Depot, Lowes, Menard's etc)

Not as "pretty" and has manufacture's markings on it – but perfectly acceptable to even the most discriminating agility dog. You can improve the appearance of the final product by orienting the pieces so the manufacturer's marks are on the bottom of the base. Sometimes the markings can be removed with acetone. Sometimes Acetone this will only partially remove them. Markings may be blue or black... blue seems easier to remove. However, if you are a perfectionist, you may wish to consider...

#### 2) Furniture Grade (have not found a local source that deals in small orders – so purchase on line when needed at [www.patiosstogo.com](http://www.patiosstogo.com) – please let the author know if you are aware of local sources).

Has a shiny finish to it... no markings... stronger... and has more options in fittings available than Contractor grade since it gets used for things that a plumber would never consider.

PVC cement – generally not needed as the press fit of the fittings is tight enough to hold things together while allowing the pieces to rotate, be disassembled for storage or be replaced when damaged. None of WCAC's jump equipment is glued.

There is one additional and significant advantage to not gluing the bases of the fold flat design jumps. Without glue the base can be twisted and flexed to adjust for an uneven surface, just by stepping on it. Uneven surfaces are occasionally a problem indoors, but just about all the time outdoors.

Having said that, if you still want to glue portions of the assembly, use the clear grade of PVC cement. Many municipalities require plumbers use the blue tinted variety... hence it is easier to find. The clear variety provides a better appearance for agility equipment.

After applying the cement, *twist* the pieces into place – do not push straight in. After you try both methods you will find that twisting is much easier and allows the pipe piece to easily bottom out in the fitting – which provides maximum strength. If you are using contractor grade, when twisting, remember the orientation you want for the manufacturer's markings to end up in. Wipe off any excess cement immediately.

*Fold Flat Stanchion Base Assembly Drawing*

