

SMD Photography DIY PVC Pipe Backdrop Stand

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Pipe

2 - 10 foot lengths of 3/4" PVC pipe

Fittings - 3/4" no thread

2 - 90° elbow

2 - coupling

2 - tee 3/4"

4 - end cap 3/4"

Cutting:

1 - 4 foot length to the top

2 - 3 foot lengths for the sides

2 - 1 foot lengths for the sides

2 - 2 foot lengths for the sides

4 - 1 foot lengths for the feet

I cut the 10 foot lengths into manageable pieces at the store to get them into the vehicle to bring home. Once home, I used my trusty hacksaw to make the additional cuts I needed. In the end I cut the top 3 foot pieces into one - 1 foot length and one 2 foot length because it was too tall for me to put my backdrop onto with my arms outstretched.

Cleaning:

The PVC pipe has all kinds of black text on it to identify it. I did not want that in my final stand so I checked the web and found out that acetone and steel wool were the answer. I bought a small bottle of nail polish remover and I already had fine steel wool.

It takes a lot of muscle power to get them off but with persistence it works really well. I then used an abrasive cleaner to remove any other dirt and grime off the pipe to make it a nice white color. They look great. I removed the labels from the fittings and used adhesive remover as needed. It took 2 hours to do the 10 feet and fittings.

Assembly:

Top Bar: Put the elbows at each end of the 4 foot top bar.

Feet: Put two 1 foot lengths in each of the bottom holes of the tee fittings. Put end caps on the ends. Repeat for the other foot.

Side Poles: Place a 3 foot length at the bottom, put a coupling on top end then place another length of pipe to make it taller. Repeat for the other side.

Final: Place side poles in the top hole of the feet. Place feet of side poles at parallel to each other. Then place the ends of the top bar down onto the side poles one at a time.

Hang your backdrop:

If your backdrop has a pocket it can be slipped onto the top bar before it is placed onto the side poles.

I plan to use safety pins to keep my backdrops onto the bar for now.

<https://smdpics2c.weebly.com/blog>