## ENGINEERING HOW TO BUILD A FRAME FOR YOUR CUBE OR TOWER

## http://Kinkengineering.com/

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### **By:** KINK ENGINEERING

Cubes and towers (Monoliths and Skyscrapers) are put together a little differently so they require a bit more info. If you are ever stuck on something or find something looks wrong with any part of your item, stop what you are doing, take a picture and e-mail us immediately. Do not force anything. Some things are a bit dificult to do, so we recommend having a partner help you set up. If you have a question or comments we would be happy to hear from you at info@kinkengineering.com

You will need:

- 7 x 3-way corners (Included)
- 1 x 4-way corner (Included)
- 1 x 1-way valve (Included)
- Medium grit sandpaper
- Drill with a 5 mm (3/16") drill bit

Pipe measurements:		
Cube:	•	12 x 33" pipes
Monolith:	•	4 x 22" pipe, 4 x 35" pipe and 4 x 54" pipe
Skyscraper:	•	8 x 33" pipe and 4 x 72" pipe

Cut the 1.5" (diameter) ABS pipe into the correct sizes using the guide above.

- To allow the air to be drawn out of your bed you will now need to drill a number of small 5 mm (3/16") holes along all the pipes.
- Drill in one side of the pipe and right out the other side so that you have 2 holes
- Turn the pipe 90 degrees and repeat so you now have 4 holes.



- Do this along the length of each pipe. One hole every 15 cm (6") or so will do it.
- Sand the pipe ends and all the holes you just drilled so that there are no rough edges. Latex will pop like a balloon if punctured so this is an important step.

There is no need to glue the corner fitting to the frames like you do with the vacbeds, If you really want to, we recommend only gluing some of the corner pieces... You don't want to wind up with a fully glued cube frame! That makes taking off the latex bag (or putting it on) nearly impossible.

# Now you can assemble your frame!



## HOW TO ASSEMBLE YOUR CUBE OR TOWER

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This is where a you're going to need a friend...

- Lay your bag on the floor (we suggest you pad the floor with something such as foam play mats) and give it a once over. Familiarize yourself with your new cube or tower. Say hello, make it a nice dinner, woo it a bit before you get to the naughty stuff. Make sure you have it laid out right side up.
  - CUBE/MONOLITH: the neck gasket will be at the top.
  - SKYSCRAPER: You have no neck gasket, make sure instead that the opening and the reinforced hole for the vacuum valve is at the bottom.
- Crawl inside and have someone hand you three of the 3-way corners and the one 4-way corner along with the 4 lengths of pipe, meant for the bottom of the structure.
  - o CUBE/SKYSCRAPER: four 33" lengths
  - o MONOLITH: two 22" lengths and two 35" lengths
- While in the bag, locate the hole for the 4-way corner and start there. Assemble the bottom piece and then build up.

### MAKE SURE THAT YOU DO NOT PINCH LATEX BETWEEN THE PIPES AND THE FITTINGS WHEN PUTTING THIS TOGETHER. It can cause a blow out and you'll have finished before you even get to start.

- At this point you can choose to tape the corners of the cube or tower together for more stability. This is a good idea if you aren't planning on taking it down for a while, but it is not a necessary step.
- To seal your vacbed for use you will want to add a bit of tape to the outside of the reinforced hole by the 4-way corner. Clear sports tape is our favorite as we found it does not leave a residue or harm the latex. This will stop any small leakage of air back into your bed from that area.

Its time to get into your vacbed and try it out! Get your friend to help you turn on/off the vacuum and close up the bed after you get inside. They are also there to make sure you are safe, happy and well played with.

# **NEVER USE YOUR VACBED ALONE! NEVER!**



## HOW TO USE YOUR CUBE OR TOWER

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Climb inside the cube/tower by stretching the opening and crawling in. If you have a neck gasket, position yourself below the neck gasket and reach up with both hands in a prayer position to stretch the neck gasket down over your head to your neck making sure it lays flat against your skin like a turtleneck. If the gasket is too loose you can try adding a bit of lube to the gasket to improve suction or use a bit of sports tape to seal it around the neck but BE CAREFUL and always have an easy way out.

Your partner can now smooth out the open end of the cube/tower and sandwich the top and bottom pieces of latex between the closure bar and the cord. This will prevent air leakage from the entrence of the vacbed.

- Make sure that the closure bar is fully closed. To make it easier for you try adding lube to the metal channel and rubber cord before closing.
- If you do not choose to lube your closure bar, you may hear a crunching sound when sealing the bed. This is ok but puts more wear and tear on the latex over time.

Slide the one-way valve into the 4-way corner that is now sticking out of the cube and secure it with a little tape.

Attach your vacuum to the one-way valve (again tape is the easiest way to do this) and you're ready to go!

Turn the vacuum on until the cube seals itself around the user and if all is assembled correctly it will stay sealed when you turn the vacuum off.

- If the bed is reinflating quickly check to see where the air is getting back in. Usually it is from the neck gasket not sitting flush or the closure bar not being sealed all the way.
- Another common issue is leaking around the reinforced hole and the one-way valve. A bit of tape should correct this.

# YOU'RE DONE! Go have fun kids. PLAY SAFE!

#### **Basic Care instructions:**

Wash bed with soap and water. Antibacterial dish soap is great for this. Hang to dry, then flip inside out and hang to dry again. When storing your bed always lube or powder it. Placing in an air tight bag is recommended. Keep out of direct sunlight. Have fun!