



BUILDING A PACKER

RENSSI[®]
DRAIN CLEANING EQUIPMENT



NECESSARY ITEMS YOU NEED BUILDING A PACKER

- Packer assembly with two packer heads
- Silicone bladder
- Duct tape
- Two hose clips
- Two strips of liner felt (optional)
- Vegetable oil



Prepare the packer heads

Prepare the packer heads by folding one layer of duct tape around it. This will make the surface between the silicone bladder and packer head more airtight.



Prepared packer heads



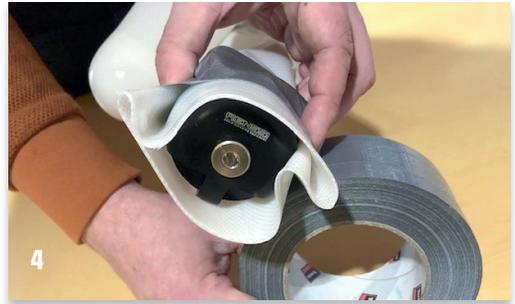
Insert the packer into the silicone bladder

Push the prepared packer assembly into the silicone bladder. Line up the front end of the packer assembly with the edge of the silicone bladder. If you are using a Y connection, make sure that your lateral is facing the correct direction.

Secure the bladder from the front end



Fold the silicone bladder to the front end of the packer into an S shape.



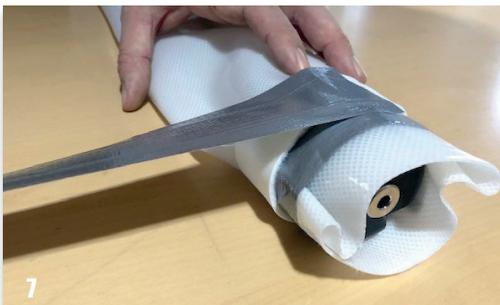
Once you have folded the silicone, secure it with a single layer of duct tape.



Now the front end of the packer should look like this



Take a strip of the liner material and wrap it around the tape. This will protect the silicone bladder from getting damaged by the hose clips.



Once you have wrapped the liner strip around the bladder, put a couple of layers of duct tape around it.



Twist the end of each tape layer like shown in the picture. It will be easier to dismantle afterwards.

Secure the bladder from the front end [continued]



The front end of the packer should now look like this.



Insert the hose clip onto the bladder and tighten it up using your drill. Make sure you place the hose clip over the spot where the strip of liner is. You can also use other style hose clips if you'd like.



Finally put a couple of layers of duct tape over the clip. This will prevent any resin getting into contact with the clip, and it will be easier to open and reuse.



Complete front end of the packer

This is what the complete front end of the packer should look like. Now you have one end completely secured and airtight.



Lubricating the silicone

First fold approximately 70-80 mm of the silicone bladder like shown in the picture. At this point, pour in some lubricant. We recommend using for example vegetable oil or silicone oil. Folding the bladder will prevent the oil getting onto the surface which needs to be airtight. Be careful that you don't get oil on the packer head either. Make sure you keep the whole assembly slightly upwards to prevent the oil from running out of the assembly.



Secure the bladder from the rear end

Repeat the same steps as on the front end of the bladder. Just remember to hold the assembly slightly upwards so that the oil doesn't run out.