

Lab Tubing

Laborschläuche

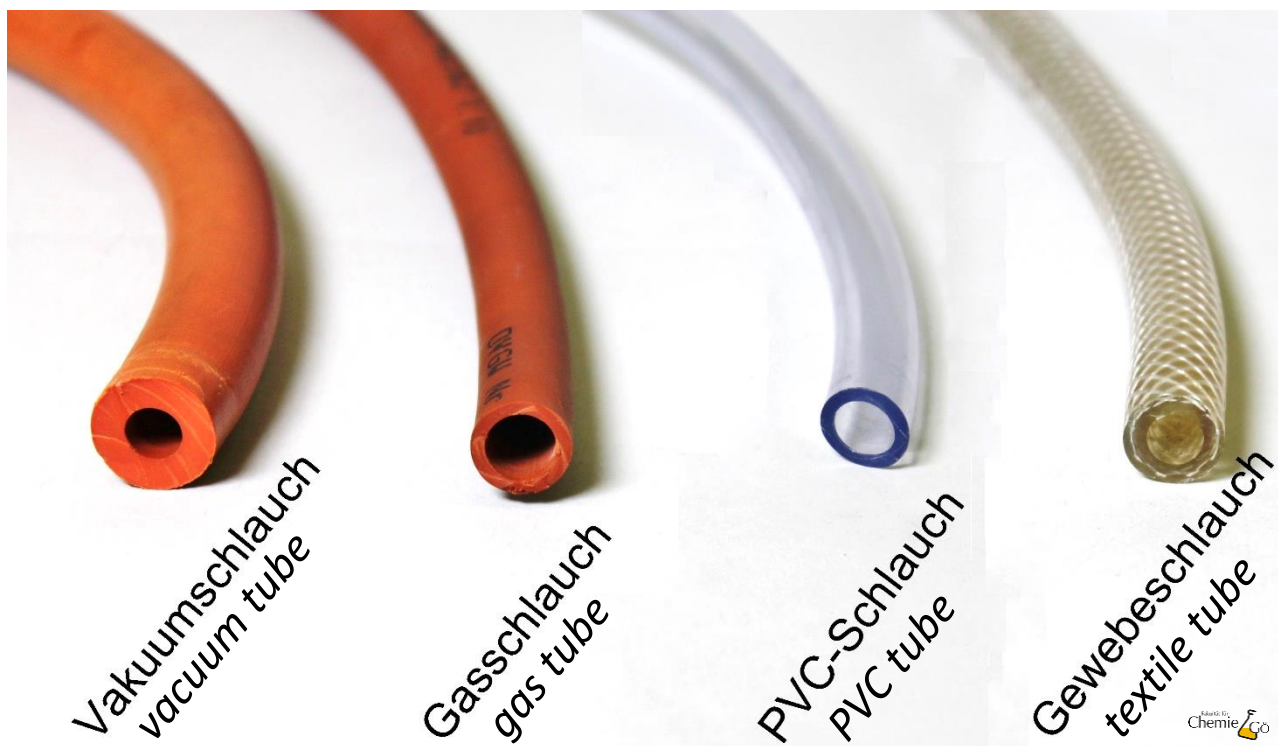
Georg-August-Universität Göttingen



Lab Tubing

Lab tubes are used to direct gasses and liquids.

Depending on the area of application, different tubing (material and size) is chosen.



A vacuum tube is used as the connection between the inhouse vacuum or a vacuum pump and the experimental apparatus.

Vacuum tubes are typically not secured.

Due to its thick walls, the tube maintains its shape under vacuum.

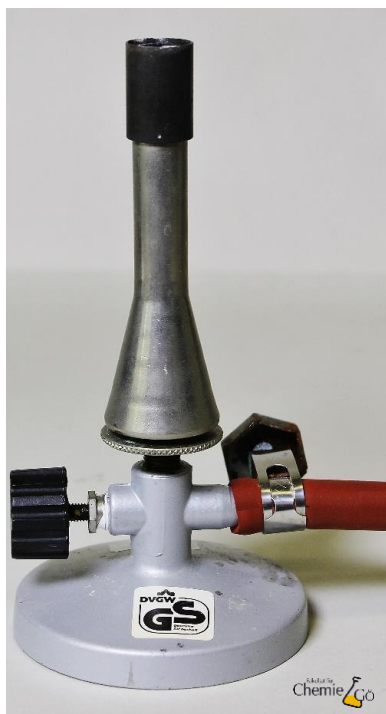
The inhouse vacuum connections are indicated by a black dot on the valve.



Rubber tubes can be used e.g. as the connection between the gas valve and the gas burner.

It is important to secure the rubber tubing with tube clips.

The natural gas valves in the lab are yellow.



PVC tubing is used to transfer gas or liquids as well as in the cooling water circuit.

The rigid, transparent tubes are secured by tube clips.

They are resistant toward most chemicals.



Textile tubing is used for equipment where an overpressure is formed.

The fabric fibers ensure that the tube can resist higher pressure.

With this reinforcement, textile tubes can also be used under vacuum, e.g. in Schlenk apparatuses.

They must always be secured with tube clips.

