

Laboratory No 2: **Thermo Demos**

Experiment

Fire Syringe:

5 – 11:

Video in 2D:

<https://www.youtube.com/watch?v=nidvkYPjHVg&list=PLnSxMqx0OSg1E-sVIP9c8j7VEOf8lT-kv&index=2>

Video in 360:

https://www.youtube.com/watch?v=kHVqcuKGk_8&list=PLnSxMqx0OSg1sPKZIJtAgUWjH_4mqJE_h&index=3



Imploding Can:



12 – 16:

Video in 2D:

<https://www.youtube.com/watch?v=GsjQQV9KjRw&list=PLnSxMqx0OSg1E-sVIP9c8j7VEOf8lT-kv&index=3>

Video in 360:

https://www.youtube.com/watch?v=lDCoNI_fEM8&list=PLnSxMqx0OSg1sPKZIJtAgUWjH_4mqJE_h&index=2

Ball and Ring:

17 – 19.

Video in 2D:

<https://www.youtube.com/watch?v=EnXMtrcUfgI&list=PLnSxMqx0OSg1E-sVIP9c8j7VEOf8lT-kv&index=4>

Video in 360:

https://www.youtube.com/watch?v=a3SNKyIsFbI&list=PLnSxMqx0OSg1sPKZIJtAgUWjH_4mqJE_h&index=4

20 – 21.

Video in 2D:

<https://www.youtube.com/watch?v=U7OF9ewaYPo&list=PLnSxMqx0OSg1E-sVIP9c8j7VEOf8lT-kv&index=5>

Video in 360:

https://www.youtube.com/watch?v=DmnXtCnFHGo&list=PLnSxMqx0OSg1sPKZIJtAgUWjH_4mqJE_h&index=5



Balloon Inversion:

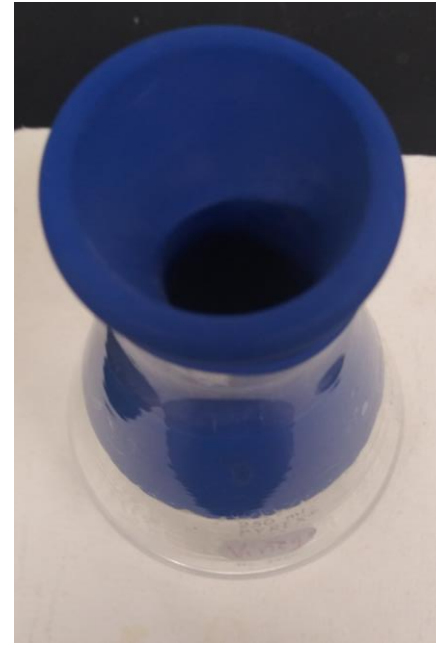
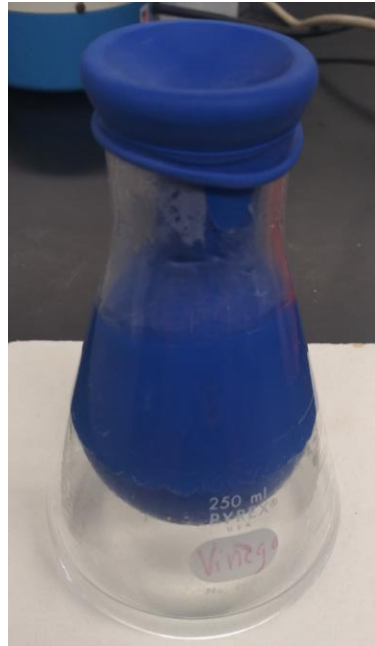
22 – 25.

Video in 2D:

<https://www.youtube.com/watch?v=Oy212xN4a64&list=PLnSxMqxoOSg1E-sVIP9c8j7VEOf8lT-kv&index=1>

Video in 360:

https://www.youtube.com/watch?v=ooWx1FO05ek&list=PLnSxMqxoOSg1sPKZIJtAgUWjH_4mqJE_h&index=6



Rubber band:

26. Each student in the group will take a rubber band, unless latex allergy. Take the rubber band with your thumbs but do not stretch it! Put it un-stretched near your forehead and touch your forehead with it for a second. Then stretch the rubber band as much as you can and quickly touch your forehead. Did the rubber band feel cooler or hotter? Write your observations.
27. Do the contrary, first stretch the band and touch your forehead with it; then let it shrink and touch your forehead again. Did the rubber band feel cooler or hotter? Write your observations.



28 – 30.

Video in 2D:

<https://www.youtube.com/watch?v=pNlS5FtBje4&list=PLnSxMqx0OSg1E-sVIP9c8j7VEOf8lT-kv&index=6>

Video in 360:

https://www.youtube.com/watch?v=gwXWt1daxlE&list=PLnSxMqx0OSg1sPKZIJtAgUWjH_4mqJE_h&index=1

