

What you need to do:

1. Obtain two condoms packages from the front counter.
2. Write your name on the outside of one of the packages and place it in the oven. Note the time in your notebook.
3. While the other condom is “baking”, open the remaining package.
4. Add approximately 300 mL of water to the condom and make observations about how well the condom stretches/expands and whether or not it leaks. Drain the water out of the condom and set it on a paper towel to dry.
5. Collect ~15mL of baby oil in a 100 mL beaker.
6. Place the condom in the baby oil, coating the outside of the condom thoroughly.
7. Wait 30 seconds and then remove the condom and wipe off any excess baby oil.
8. Re-test the strength of the condom using another ~300 mL of water. Note any changes in the strength of the condom.
9. Drain the water out of the condom and stretch it to about 12 inches about 20 times.
10. Re-test the strength of the condom using another ~300 mL of water. Note any changes in the strength of the condom. Dispose of the condom when you are done.
11. When 30 minutes have passed, remove the other condom from the oven.
12. Open the package and make observations regarding the condition of the condom.
13. Test the strength of the condom using ~300 mL of water. Note any changes in the strength of the condom. Does heating the condom change its strength?
14. Drain the water out of the condom and take it to the front counter.
15. Using your fingers, spread cold cream over the surface of the condom.
16. Wait 30 seconds and then re-test the strength of the condom using another ~300 mL of water. Note any changes in the strength of the condom.

17. Drain the water out of the condom and stretch it to about 12 inches about 20 times.
18. Re-test the strength of the condom using another ~300 mL of water. Note any changes in the strength of the condom. Dispose of the condom when you are done.