PETE'S Party & Tent RENTALL
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HELIUM TANK & BALLOON FILLING INSTRUCTIONS

Latex Inflation Instructions:

11"/12" latex balloons will last 10-16 hours filled with helium. Do not fill the night before the event.

Hi-Float may be purchased to extend the life of the helium filled balloons.

DO NOT UNDER ANY CIRCUMSTANCES INHALE HELIUM

To prepare for use: Stand tank upright and secure so it cannot be tipped over.

1. Thread the inflator into the tank. **Hand tighten only**…do not use a wrench.
2. Once inflator is secure, turn valve in the direction of the "open" arrows.
3. There is now pressure in the valve.
4. Place the balloon over the black rubber nozzle making sure the tip of the nozzle is in the bulb part of the balloon. Slowly bend the nozzle to release the helium.
5. Fill the latex balloon until it is oval and stop filling before it becomes pear shape.
6. Tie the end of the balloon in a knot then add the ribbon.

After use:

1. Never leave the tank unsupervised.
2. Turn the valve in the direction of the "close" arrows.
3. Release any remaining helium from the inflator by bending the rubber nozzle.
4. Unthread the nozzle by hand.

Latex Inflation

When inflating Qualatex Round latex balloons, it's important to fill them until the ideal teardrop shape is achieved, as shown in the illustration. Overinflated Round balloons develop a pear shape, while underinflated balloons are more round in shape.

Latex balloons may be inflated with air or balloon gas. Air inflation is preferred for latex balloons of 9" diameter and smaller because they float for only a few hours when filled with balloon gas. Because latex is a naturally porous material, balloon gas molecules pass through the surface of the balloon, causing it to eventually deflate and descend. Air-inflated balloons do not float, but they stay inflated considerably longer than those inflated with balloon gas. This is because air molecules are larger and move slower than helium molecules. Therefore, air does not escape through the latex as quickly as balloon gas.

Balloons inflated with balloon gas are affected by extremes in temperature and altitude. Helium expands in the heat and contracts in the cold. The rule is to slightly under inflate when moving them from a cool environment to a warmer one (as the helium will expand). Slightly over inflate them when moving them from a warm environment to a cooler one (as helium contracts). Practice is the best method in determining proper inflation.