



Ways to Overcome Uneven Wall Thickness in Stretch-Blow Molding



If you're in the business of [stretch blow molding](#), you know that uneven wall thickness can be a real problem. Fortunately, there are ways to overcome this issue. In this blog post, we'll explore some of the most effective techniques for achieving even wall thickness in your molded products. By following these tips, you can improve the quality of your products and avoid potential production issues down the line.

Uneven wall thickness is a common issue in stretch-blow molding, but there are ways to overcome it. Stretch-blow molding is increasingly being used for the production of plastic bottles, but a common challenge lies in achieving even wall thickness throughout the bottles. The PET Stretch Blow Molding Machine produces high-density PET containers via single stages and does not compromise on quality.

The First Step Is to Ensure That the Parison Is of Uniform Thickness

Stretch blow molding is a process that can be used to manufacture plastic bottles using PET Stretch Blow Molding Machines. The first step in the process is to ensure that the parison, which is a tube of molten plastic, produced by a plastic bottle injection molding machine, is of uniform thickness. This is essential for controlling both the walls and weight of the final product created on an automatic stretch blow molding machine.



If the Parison Is Not Uniform, Then Uneven Heating Will Cause Uneven Stretching and Result in Uneven Walls

Stretch blow molding is a process in the production of PET plastic bottles. The parison needs to be an even thickness for uniform heating, otherwise, uneven stretching can occur resulting in uneven walls on the plastic bottles. When deciding which PET Stretch Blow Molding Machine and plastic bottle injection molding machine to utilize, it's important to consider if it has an automatic stretch blow molding function that can guarantee uniform heating. This will help ensure lower scrap rates, improved product quality, and significantly reduced costs.

By Using the Blow Molding Process, You Can Achieve More Even Walls and a Higher Quality Product Overall

If you're having issues with uneven wall thickness in your stretch-blow molded products, there are solutions. First, ensure that your parison is of uniform thickness. If it's not, then uneven heating during stretching will cause uneven walls. Another solution is to use a multi-stage blow molding process. This involves blowing the parison into a preform, then reheating and blowing it again into the final shape. By using a multi-stage blow molding process, you can achieve more even walls and a higher quality product overall. Discover reliable injection blow molding machine solutions from us. Learn more about our capabilities and services by visiting our website or getting in [touch with us](#) now.

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