



LESSON 08 - DOUBLE WALLS

Double



Design Considerations

Drop Boxes

Are primarily used to mold multiple layers of material to provide insulation, strength, multiple colors, foaming, and/or differing internal/external part requirements.

The drop box usually mounts on the outside of the mold and holds a second charge of material. After the first charge inside the mold cavity has formed, an air actuated cylinder inside the drop box releases the second charge into the mold.

A second drop box can be added to produce products with 3 layers of material such as PE skin - foam - PE skin.