

****REQUIRED PPE: EYE PROTECTION & MOLDING GLOVES****

TECHNICAL TIP: PETG DRAPING - THE “SHIMMY” TRICK



Materials Needed: Molding gloves, PETG, Molding frame

When draping PETG, sometimes it doesn't always go perfectly and wrinkles or air pockets can occur. Since PETG does not mark-up easily when touched, this “shimmy” technique allows you to take your hands (with gloves) and form the PETG closer to the cast. This allows the PETG to stretch evenly and start to form to the shape of the cast before applying vacuum. Once the vacuum is turned on, it has less air to evacuate from between the cast and the PETG, which further eliminates the chance of getting wrinkles.

STEPS:

- 1) Place PETG into the molding frame securely and place in the oven at recommended temperature.
 - 2) Once PETG has reached the forming temperature needed for the cast you're working with, take out the frame, flip it upside down, and place on the cast.
 - 3) Let the plastic slowly droop down on its own and start to shimmy!
 - a) Make sure to move your hands quickly around the PETG to avoid your gloves from sticking and causing indentations.
 - 4) Once the molding frame meets the vacuum platter, turn on vacuum and make any adjustments to the PETG as needed.
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