

Warnings

Safety should be your highest priority when working with this item. It is your responsibility to use and handle it in a safe manner and in accordance with all safety policies in the work area. Wear appropriate safety equipment including eye and ear protection while using this item.



To avoid danger of suffocation, keep this bag away from babies and children. Do not use this bag in cribs, beds, carriages or play pens. This bag is not a toy.

Brass products may contain chemicals known to the state of California to cause cancer or reproductive toxicity. Visit www.p65warnings.ca.gov for details.

Use of this item is at your own risk. JWW Services Inc. doing business as VeneerSupplies.com disclaims all responsibility for any resulting damage, injury or expense. For more information, please visit https://www.veneersupplies.com/pages/Legal__Information.html

The products described herein are distributed, but not manufactured, by VeneerSupplies.com.

Introduction

VS Elite™ and VS Extreme™ polyurethane are the ultimate vacuum bagging materials. The material is shipped as a "tube" of polyurethane. In other words, it has two open ends. This bag material was designed exclusively for VeneerSupplies.com using an advanced thermoplastic polyurethane that can withstand pressures exceeding 3,750+ psi and stretch more than 6 times its width and length. The polyurethane film, bag stem and bag closure are made in the USA.

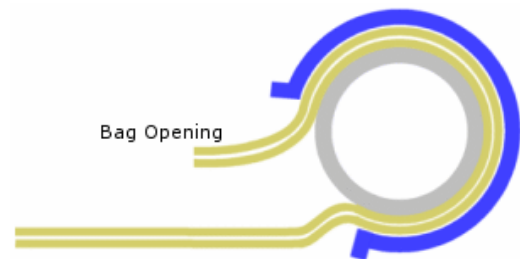
Included Items

VS Elite/Extreme™ polyurethane vacuum bag material, brass stem insert, and two bag closures.

C-Type Bag Closure

The Build-a-Bag kit comes with two bag closures which are used to seal each end of the bag. Some users find that it is easier to load a project into a vacuum bag with the assistance of a second person who works from the opposite end of the bag (guiding the project into the bag). If you have a small project or do not have someone to help, you can apply a bag closure to one end of the vacuum bag before loading the project.

The PVC closure system included with your vacuum bag will allow you to easily seal the bag opening. Simply roll the bag end over the PVC tube. Then snap the PVC C-channel over the bag starting from one side and working towards the opposite side. To ensure a perfect seal, be certain that the entire bag opening is secured by the closure and that there are no wrinkles in the bag material.



Bag Closure Cross Section

For additional clamping strength, you can attach spring clamps over the C-channel. This is not necessary under normal conditions but it will provide a better seal if the bag or closure is heavily worn. For the ultimate gripping strength, the bag may be rolled over the tube twice before the C-channel is attached. We do not recommend more than a double roll over the tube due to the difficulty of removing the closure under such clamping pressure.

A light coat of car wax will make it easier to snap the bag closure over the vacuum bag.

Flush Mount Bag Stem

The flush-mount bag stem allows you to use the full length of the vacuum bag without worry of project surface imperfections. The stem can be mounted anywhere on the bag but we recommend mounting it centered across the width and approximately 15" from the bag opening. The location will not affect the pressure inside the bag.

1. Mark the location on the vacuum bag where you wish to install the bag stem.
2. In the selected area, cut a 3/8" diameter hole in the vacuum bag using scissors or a razor knife.
3. Place a 3" x 3" piece of wood or wax paper inside the bag directly under the hole to prevent the adhesive from bonding the top side of the bag to the bottom.
4. A small tube of cement is included with your bag stem kit. This cement will work with both vinyl and polyurethane materials. Be sure to follow the safety instructions included with the cement and wear appropriate eye, skin, and lung protection when using this product.
5. In a well-ventilated area, clean the mating surfaces of the bag stem flange and the vacuum bag with acetone. A synthetic abrasive pad will help maximize the effectiveness of the cleaner. The cleaned areas should look dull and abraded.
6. The included cement will be used to bond the bag stem flange to the vacuum bag. Apply the cement to the bottom of the flange and to the vacuum bag area where the bag stem will be attached. Be sure there is full coverage on both pieces.
7. Apply the flange directly over the bag hole (from step 2). Gently massage out any air bubbles but try not to squeeze out too much of the cement. Allow 24 hours of drying time before using the vacuum bag. If the flange starts to lift from the bag surface while the cement is curing, press it in place again and place some weight on the flange.
8. Insert the brass barbed stem that is included with this kit. Proceed carefully since the edges of the barbs are sharp. Once inserted, the stem core is not easily removed.

Avoid These Common Mistakes - PLEASE READ CAREFULLY

Extend the life of the vacuum bag by using and storing it carefully. Be sure to protect the bag from sharp edges on project panels by covering or rounding-over any areas that could cause a puncture. It is also a good idea to smooth the corners and edges of the platen boards. When you finish using the vacuum bag, store it away from direct sunlight and other UV sources such as fluorescent lighting.

Do not allow the bag to be vacuumed into any deep openings in the project or project form. Vacuum can cause the bag to stretch into these openings and create a reverse bubble which will burst and the resulting damage will not likely be repairable. Use a suitable material that safely covers these openings and prevents the bag material from going inside the project.

Vinyl Bags - During the first two or three uses, a vinyl vacuum bag may seem rigid and difficult to work with. However, you'll find that the vinyl becomes softer and more pliable with each use. Within the first ten pressings you will see and feel a noticeable increase in the bag's flexibility.

Breather Mesh Makes Vacuum Pressing Easier

Breather mesh is an inexpensive extruded plastic fabric that is used in a vacuum bag to allow air to flow away from the project being pressed and towards the vacuum port (bag stem). It is used in place of a top platen. Without it, the vacuum bag material can seal itself against the veneer causing pockets of air. These pockets have little or no vacuum inside and therefore do not provide enough clamping strength for veneer work. Breather mesh allows the even distribution of vacuum. This is the key to a successful vacuum pressing!



For more information visit

www.JoeWoodworker.com/veneering/breather-mesh.htm

Vacuum Bag Maintenance

In the unlikely event that your bag develops a leak, the easiest way to find it is to place a piece of brown paper in the area where you suspect there is a leak. Then place the platens inside the bag and apply the closure. Next, attach the vacuum source and turn it on. Spray the outside of the bag with water. Any holes will show up on the paper as the water is absorbed. To repair the leak, contact us for a patch kit.