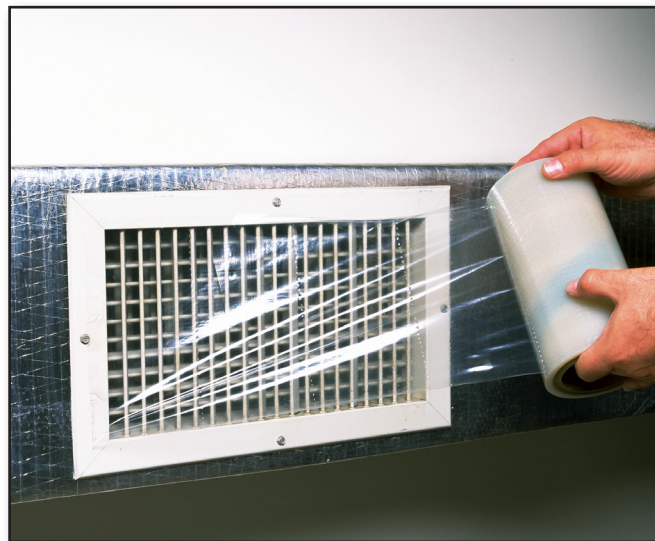


DuctMask™

Temporary Register Sealing Tape

Providing a temporary seal on HVAC registers is an important and sometimes time-consuming part of conducting a duct leakage test. Duct Mask is an adhesive backed plastic film that can reduce the time and hassle of sealing off the duct system, and make you look more professional to your customers.

Duct Mask is used to provide a quick temporary seal on registers when measuring duct leakage with a Duct Blaster® or Minneapolis Blower Door™. The adhesive backed film can be easily removed from the register without harming the register's factory finish. Duct Mask is also great for Duct Cleaners who need a simple and inexpensive way to seal registers for duct cleaning.



- Duct Mask comes in both 8 inch and 24 inch wide rolls.
- Duct Mask is perforated every 4 inches (8 inch wide rolls), or every 24 inches (24 inch wide rolls) to provide a quick, custom, one-step installation.
- Duct Mask is affordable, about \$0.10 for a standard 6 inch x 10 inch register, or about \$2.50 per house.
- Duct Mask is available by the case, which includes six 200 foot long (8 inch wide) rolls, or two 200 foot long (24 inch wide) rolls.
- A case of 8" wide rolls is \$150 plus shipping. A case of 24" wide rolls is \$175 plus shipping.
- Duct Mask is also great for sealing registers when duct cleaning!

Call us to provide you with quick delivery to your office or job site. Also ask us about the Minneapolis Duct Blaster to quickly and accurately measure duct leakage in residential and light commercial duct systems.

The Energy Conservatory

2801 21st Avenue South, Suite 160
 Minneapolis, Minnesota 55407
 phone: 612-827-1117
 fax: 612-827-1051
 e-mail: info@energyconservatory.com
 website: www.energyconservatory.com



**The ENERGY
 CONSERVATORY**

DIAGNOSTIC TOOLS TO MEASURE BUILDING PERFORMANCE

DUCT MASK USER GUIDE

Read the following installation and removal instructions, and Purchaser/User Notice before using this product. It is the users responsibility to determine the suitability of Duct Mask and the conditions of surfaces to which it will be attached. The guide below is limited due to all the variations that exist in field use. It is highly recommended that the user become familiar with this product and surface interactions before implementing widespread field use.

- Duct Mask is designed to aggressively adhere to smooth and moderately smooth surfaces such as glass, factory painted HVAC registers, and air handler cabinets.
- Duct Mask should not be applied to HVAC registers that have been repainted, registers that show any sign of paint deterioration, hardwood or finished wood floors, wall paper, sheet rock, popcorn ceilings, marble, heated surfaces and any other surfaces of these types. Any surface Duct Mask is applied to must have a far greater adhesion to its subsurface than Duct Mask has to it. Otherwise you risk removing that surface when you remove Duct Mask.

INSTALLATION AND REMOVAL OF DUCT MASK

- **Belt Dispenser:**

We recommend that you use the optional nylon belt dispenser with Duct Mask, rather than hand dispensing. Belt dispensers are available from TEC. The belt dispenser consists of a small double belted section (this is where you will locate the roll of Duct Mask), and a larger single belt section (this will attach around your waist). First, put the larger section around your waist, snap the lock together, and adjust the loop lock and snap lock to give you a comfortable to slightly loose fit. Next, unsnap the lock at the double belted area and feed the free strap through the core hole of the Duct Mask roll, making sure that the Duct Mask dispenses off the top of the roll. Re-snap the lock holding the roll in place. Adjust the roll belt as necessary to give some tension on the roll strap. Installing the roll of Duct Mask onto the belt will make it fit a little tighter

- **Installation:**

After surface suitability has been determined, begin dispensing by finding the Duct Mask edge. Dispense straight out from the roll with both hands to the appropriate length necessary. Let go of the dispensed Duct Mask with one hand and pull at an angle like a paper towel so the perforation breaks (it is perforated every 4 inches). Leave a small loop at the Duct Mask roll edge so it is easy to locate when you dispense again.

With both hands, install on one edge of the surface to be masked, then seal the opposite edge and remaining edges. Do not stretch the material to make a seal, the plastics memory will pull against the adhesive backing and the seal could fail. Run your finger around the sealed area to remove bubbles and improve the seal.

- **Removal:**

Removal of Duct Mask is best done with a slow steady pressure pulled at a 45 degree angle to the sealed surface. When pulling off Duct Mask, pay attention to the sealed surface to be sure you are not pulling off any surface coating. If any Duct Mask adhesive is left on the surface after removal, standard window cleaner can be used to remove it.

- **Using Duct Mask on High Wall or Ceiling Registers:**

It is possible to install and remove Duct Mask from high wall or ceiling registers without using a ladder or moving furniture. Installation is accomplished by using a foam pad attached to a painter's pole. After dispensing an appropriate length of Duct Mask, attach one edge of the film to the foam pad and fold over the remaining portion so that the adhesive side is up. Using the pole, press the Duct Mask up against the register and pull the pole down releasing the Duct Mask from the foam pad. Now use the pad to press the Duct Mask in place and create a seal. Removal can be done by attaching a smooth vinyl suction cup to the painter's pole and catching the adhesive edge and pulling down.

- **Duct Depressurization:**

When pressure testing a duct system, depressurizing the duct system (pulling air out of the duct system to create a vacuum) can sometimes improve the seal created by Duct Mask. This is especially important if the registers are very greasy or dirty. Refer to your Duct Blaster operation manual for depressurization test procedures.

PURCHASER/USER NOTICE

The following notice is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE OR THE INABILITY TO USE THIS PRODUCT.