



# Fire Barrier Grease Duct Access Door

## Easy to Install UL Rated Grease Duct Access Door

- UL 1978 Listed for grease leakage
- Intertek/OPL Listed System when combined with 3M Fire Barrier Duct Wrap
- Union Made in the U.S.A.
- No welding required
- Dramatically reduces installation time
- Available in three sizes
- Grease and air tight
- Meets requirements of NFPA 96
- Meets or exceeds requirements of all mechanical codes

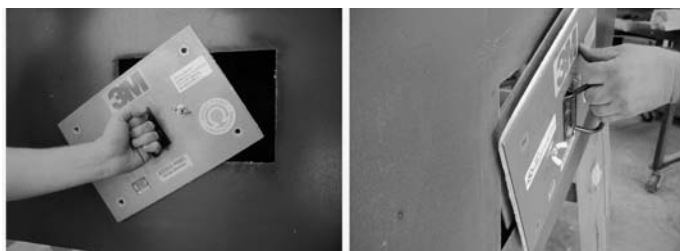
Description	Opening Size	Door Size	Minimum Duct Height	3M Part Number	Case Qty.
Fire Barrier Grease Duct Access Door - 10 in. x 6 in.	10 in. x 6 in.	12 in. x 8 in.	15 in.	000-51115-16582-5	3
Fire Barrier Grease Duct Access Door - 12 in. x 8 in.	12 in. x 8 in.	14 in. x 10 in.	19 in.	000-51115-16583-2	3
Fire Barrier Grease Duct Access Door - 20 in. x 20 in.	20 in. x 20 in.	22 in. x 22 in.	36 in.	000-51115-16584-9	1
Fire Barrier Grease Duct Access Door Hardware Kit	Kit			000-51115-16585-6	3

### Installation Instructions

1. Peel backing off template and apply to duct in desired location. Cut around the edge of the template. (Plasma cutter or tin snips)
2. Remove the four thumb bolts from the corners of the door. Loosen, but do not remove the center wing nuts.



3. Insert the door into the opening at an angle catching the back piece of steel of the access door on the inside of the duct. Center access door so that the thumbs screws can be installed.
4. Tighten the two center wing nuts then the four corner thumb bolts. Installation is complete.





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## Fire Rated System Installation Instructions

The following method is to be used to meet Intertek/Omega Point Laboratories requirements for fire protecting the 3M Fire Barrier Grease Duct Access Doors in systems where grease ducts are wrapped with **1 or 2 layers** of 3M Fire Barrier Duct Wrap. Refer to the Intertek/Omega Point Laboratories Directory of Listed Building Products, Materials & Assemblies for the appropriate 3M Grease Duct Listings.

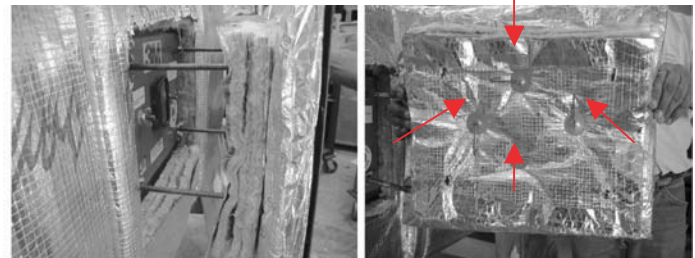
1. Cut an opening in the "Duct Wrap System" 1 in. larger than the outside dimension of the access door to accommodate 1 layer of duct wrap.
2. Remove the four corner thumb bolts and replace with the four threaded extension rods from the 3M Fire Barrier Grease Duct Access Door Hardware Extension Kit (3M Kit No. 98-0400-5486-2)



3. Cut a piece of duct wrap slightly larger than the opening around the access door. Impale the cut piece over the threaded rods so that it fits tightly against the first layer of duct wrap. (Leave cut edges exposed)
4. Cut a second layer so that it overlaps the first layer a min. two inches on all sides. Seal cut edges with aluminum foil tape. Impale over threaded rods. **Note:** when a **2 layer** duct wrap system is used to protect the duct, a third outer layer is installed to overlap the second layer a min. two inches on all sides – See appropriate Intertek/OPL Design Listing for details.



5. To finish, place a min. 16 gauge steel cover plate (not supplied) sized to cover outer layer of duct wrap. 1/2 inch diameter holes in plate must align with the extension rods of the access door. The outer plate is pushed over the rods and secured in place with wing nuts and washers.
6. **Optional:** For easy removal and re-installation of the insulation and cover plate, the duct wrap layers may be mechanically fastened to inside of the cover plate. Use insulation pins and speed clips or equivalent. (See arrows below)



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