



INSTALLATION GUIDE

ZIP-EZ™

Insulation fasteners for duct wrap, duct insulation and foam board

ONE PER FOOT

At least twice as fast
as tie wire

IN THE BAG

- About 250 Zip-Ez discs (sold by weight)

YOU SUPPLY

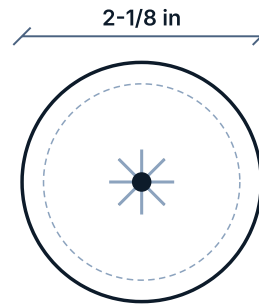
- #8 × 1 in hex washer-head self-drilling sheet metal screws, or the sheet metal screws already on your truck

TOOLS

- Drill/driver
- 3/8 in magnetic nutsetter

WORKS ON

- Duct wrap and fiberglass duct insulation
- Bubble type reflective insulation
- Rigid foam board



TOP VIEW

0.175 in hole fits a #8 screw



LETTERED DISH

faces out when installed

SMOOTH DOME

against the insulation

SIDE PROFILE

Disc	2-1/8 in O.D., 1/4 in dish
Centre hole	0.175 in, for a #8 screw
Material	UL-recognized polypropylene, UL 94 HB, UL File E130336
Patents	US 6,145,272 and 6,422,796

PART 1 THE FASTENER



1 LOAD THE DRIVER

Push the screw through the disc from the **lettered, dished side** so the hex head sits in the dish. Seat the head in a **3/8 in magnetic nutsetter**.



2 DRIVE IT IN

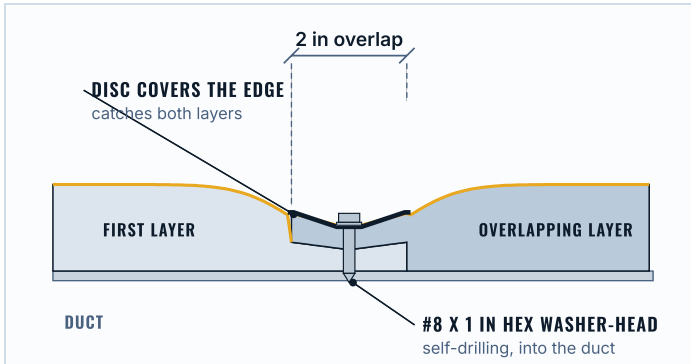
Hold it square and drive **straight through the insulation** into the sheet metal. One hand on the drill.



3 STOP WHEN IT SEATS

Stop when the disc pulls the insulation tight and sits flush. **Do not over-drive:** extreme over-torquing can crack the disc over time.

PART 2 DUCT WRAP



4 WRAP THE DUCT

Wrap the duct or trunk line. Leave a **2 in overlap** where the ends meet.

5 FASTEN THE LAP

Set each disc so it **covers the overlapping edge** and catches both layers. One per foot, **12 in on centre**, along the seam.

6 UNDERSIDE OF WIDE DUCT

On rectangular duct 24 in and wider, Owens Corning, Johns Manville and Knauf call for mechanical fasteners on the underside, at **18 in maximum on centre**. Follow the insulation maker's instructions.

7 TAPE THE SEAMS

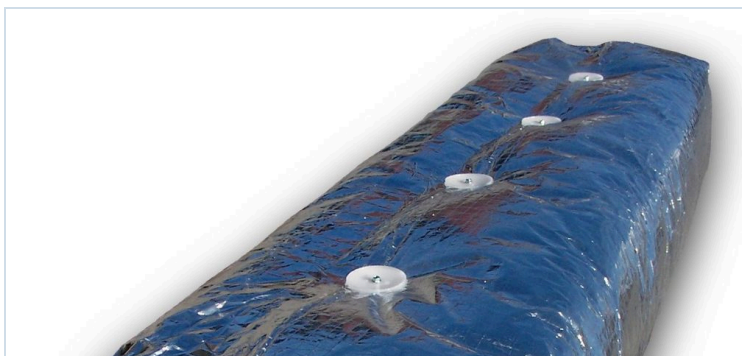
Tape seals the seams and the vapor barrier. Zip-Ez holds the insulation on.



WHICH WAY UP

STANDARD INSTALL: SMOOTH SIDE IN

The lettered dish faces out and the smooth dome sits against the insulation. The same disc can be flipped for an inverted install, smooth side out, when the job calls for it.



TESTED

ZERO LEAKAGE AT THE FASTENER

In April 2010 an independent BPI-certified HERS rater tested Zip-Ez with a Minneapolis Duct Blaster, before and after install: **zero measured air leakage at the fastener penetration points.**

Discs only; screws not included. GreenSpec listed; may add LEED points.