




Fixtures



Drapery Supports



Phone Systems



Hardware



# Zipline<sup>®</sup> Anchors

## Hollow Wall Anchoring Systems

Powers is a proud member of:



**Powers**  
FASTENERS

# Zip-All • Zip-It® • Zip-It Jr.

## Wallboard Anchor

### PRODUCT DESCRIPTION

The Zip-It and Zip-It Jr. anchors are one-piece self drilling anchors designed for use in hollow gypsum wallboard. They are available in both engineered Nylon and Zamac alloy for use with No. 6, 8 or 10 screw in 3/8" to 1" thick wallboard.

### FEATURES AND BENEFITS

The Zip-It and Zip-It Jr. are ideal for mounting electrical fixtures, fastening drapery supports, installing phone systems, and miscellaneous hardware. It comes packaged with or without screws.

### INSTALLATION SPECIFICATIONS

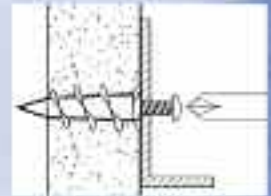
Dimensions	Zinc Zip-It	Zinc Zip-It Jr.	Zip-All
Collar Size (in.)	0.562	0.46	0.605
Screw Size Range (#)	#8-#10	#6-#8	#6-#8
Thread Length (in.)	1	3/4	1/2
Point Length (in.)	0.3	0.3	0.43
Anchor Length (in.)	1-1/4	1	1
Typ. Screw Engagement	3/4	3/4	1/2

### INSTALLATION GUIDELINES

Inset either No.2 or No.3 Phillips driver bit into the recess of the Zip-Line anchor head. Use a manual screwdriver or a low rpm battery powered electric screw gun.

Push the Zip-Line anchor into the surface of the wallboard until the two cutting blades penetrate the surface. Using gentle forward pressure, rotate the Zip-Line until the collar sets flush to the surface of the wall.

Put the fixture in place, insert the screw and tighten until it feels secure. As the screw is threaded into the nylon versions, the point will expand resulting in increased load capacity in thicker wallboard.



**Note:** Pre-drill hole if difficulty is encountered during installation of the Zip-It. In very hard wallboard or double-board construction, use 1/4" diameter drill bit. In solid plaster wall use 7/16" diameter drill bit (HSS or Carbide). Job site tests are recommended when pre-drilling holes.

**Note:** When using an electric screw gun for application, set clutch and use slow speed (do not exceed approximately 300-400 rpm).

### ANCHOR MATERIALS

Engineered Nylon or Zamac Alloy

### ANCHOR SIZE RANGE (TYP.)

Use with #6-10 size screws

### SUITABLE BASE MATERIALS

3/8" to 1" wallboard

# Zip-All • Zip-It® • Zip-It Jr.

## Zip-All



**Drywall**



**Wood Stud**

### Recommended Holding Strengths

Base Material	Holds Up to (lbs.)	Pre-Drilled Hole
1/2" Drywall	50	Not Needed
1/2" Drywall/wood stud	100	Not Needed
Wood	150	3/8" ANSI

## Zip-It®



**Drywall**

### Recommended Holding Strengths / Zip-It

Base Material	Holds Up to (lbs.)	Pre-Drilled Hole
1/2" Drywall	70	Not Needed

### Recommended Holding Strengths / Zip-It Jr.

Base Material	Holds Up to (lbs.)	Pre-Drilled Hole
1/2" Drywall	50	Not Needed

# Zip-All • Zip-It® • Zip-It Jr.

## ORDERING INFORMATION

### Zip-All



Cat. No.	Wall Thickness	Description	Std. Box	Std. Carton	Wt./100
2296	3/8" to 1"	Zinc - no screws	100	1,000	1/2
2297	3/8" to 1"	Zinc - with screws	100	1,000	1 1/4

### Nylon Zip-It



Cat. No.	Wall Thickness	Description	Std. Box	Std. Carton	Wt./100
2345	3/8" to 1"	Nylon - no screws	100	1,000	1/2
2348	3/8" to 1"	Nylon - with screws	100	1,000	1 1/4
2355	3/8" to 1"	Nylon Master Cart. - no screws	-	5,000	1/2

### Zinc Zip-It



Cat. No.	Wall Thickness	Description	Std. Box	Std. Carton	Wt./100
2346Z	3/8" to 1"	Zinc - no screws	100	1,000	2
2349Z	3/8" to 1"	Zinc - with screws	100	1,000	2 1/2
2356Z	3/8" to 1"	Zinc Master Cart. - no screws	-	5,000	1 3/4

### Zip-It Kits



Cat. No.	Material	Description	Std. Box	Std. Carton	Wt./100
2368	Nylon	50 Anchors, No. 8 x 1" Screws, & No. 2 Phillips Driver Bit	1	10	7
2369	Zinc	50 Anchors, No. 8 x 1" Screws, & No. 2 Phillips Driver Bit	1	10	13 1/4

### Nylon Zip-It Jr.



Cat. No.	Wall Thickness	Description	Std. Box	Std. Carton	Wt./100
2350	3/8" to 5/8"	Nylon - no screws	100	1,000	1/4
2351	3/8" to 5/8"	Nylon - with screws	100	1,000	3/4
2365	3/8" to 5/8"	Nylon - Master Cart. - no screws	-	5,000	

### Zinc Zip-It Jr.



Cat. No.	Wall Thickness	Description	Std. Box	Std. Carton	Wt./100
2362Z	3/8" to 5/8"	Zinc - no screws	100	1,000	1
2364Z	3/8" to 5/8"	Zinc - with screws	100	1,000	3
2363Z	3/8" to 5/8"	Zinc - Master Cart. no screws	-	5,000	1

### Zip-It Jr. Kits



Cat. No.	Material	Description	Std. Box	Std. Carton	Wt./100
2367	Nylon	50 Anchors, No. 6 x 1" Screws, & No. 2 Phillips Driver Bit	1	10	7

Note: To select the proper screw length required, determine the thickness of the fixture, including any spacers or shims and add 3/4".



### PRODUCT DESCRIPTION

The Zip-Toggle is a self drilling hollow gypsum wallboard anchor designed to provide superior performance without the need to pre-drill larger diameter holes. The Zip-Toggle is packaged with its own No. 6 x 2" lubricated screw.

### FEATURES AND BENEFITS

- Self drills and uses a smaller hole versus toggle bolts
- Fast and easy installation – approximately 5 times faster than toggles
- Heavy duty toggle design works in 3/8" to 5/8" wallboard
- Fastens fixtures up to 3/4" thick

### MATERIAL SPECIFICATIONS

Anchor Component	Component Material
Fastener Body	Zinc
Screw	Carbon Steel – ANSI 18.6.4
Screw Plating	ASTM B633, SC1, Type III (Zn/Fe 5)

### INSTALLATION SPECIFICATIONS

Recommended Screw Size	No. 6 x 2" (lubricated)
Threaded Length (in.)	21/64
Point Length (in.)	5/8
Anchor Length (in.)	2 1/8



**Easier to use than a Toggle Bolt!**

### ORDERING INFORMATION

#### Zip-Toggle

Cat. No.	Description	Std. Box	Std. Ctn
2295	Zinc w/ No.6 x 2" Screws	50	250

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### Installation Guidelines



Using a manual or low RPM battery powered electric screwdriver, insert a No.2 Phillips driver bit into the recess of the anchor and press the tip of the anchor into the wallboard until the cutting blades penetrate the surface.



Using gentle forward pressure, press the anchor further into the wall board until the collar is set flush with the surface of the wallboard.

Position the fixture and insert a No. 6 x 2" screw (packaged with the anchor). Press the screw into the anchor until the toggle portion is opened.



Tighten the screw until it feels secure with the toggle portion seated against the back of the wallboard. Do not over tighten. Note: Use only a No. 6 x 2" lubricated screw as packaged with the anchor.



### RECOMMENDED HOLDING STRENGTH

Anchor Size	1/2" Drywall/ Holds Up to (lbs.)	5/8" Drywall/ Holds Up to (lbs.)
# 6 x 2" Screw	150	180



# Sharkie

## Expansion Wall Anchor



### PRODUCT DESCRIPTION

The Sharkie wall anchor is engineered for strength - the screw extrudes and compresses the anchor polymer into the wall under tremendous pressure. The anchor molds and conforms exactly to the surface of the hole. All of the forces supported by the screw are transmitted outwardly 360° providing greater holding power by distributing the force over the maximum area possible.

### GENERAL APPLICATIONS AND USES

- Electrical equipment
- Telephone equipment
- Towel dispensers
- Plumbing fixtures
- Fire extinguishers
- Soap dispensers
- Light machinery
- Shelving
- Alarms
- Awnings
- Antennae
- Framing
- Signs
- Storm shutters
- Lighting fixtures
- Cabinets
- Circuit breakers
- Window frames
- RTA furniture
- HVAC equipment
- Bathroom partitions

### FEATURES AND BENEFITS

- Can be installed through the fixture with a screw gun—anti-rotation fins and unique head design prevent sinking and spinning.
- Work in almost any building material.
- Work with broadest range of screw sizes for highest holding power without cracking wall.
- Set instantly, unlike so-called chemical anchors. "Molding" action bonds anchor to wall.
- Specially formulated corrosion-proof polymer absorbs shock and vibration
- Non-corrodible, non-magnetic, and non-conductive

### ANCHOR MATERIALS

Engineered Nylon

### ANCHOR SIZE RANGE (TYP.)

Flange Ranges 4-10, 6-12, 8-14

### SUITABLE BASE MATERIALS

- |              |                  |
|--------------|------------------|
| Concrete     | Brick            |
| Cinder Block | Wood             |
| Masonry      | Ceramic Tile     |
| Plaster      | Stone            |
| Stucco       | Aerated Concrete |
| Flakeboard   | Drywall          |

\*To ensure maximum holding and accommodate anchor elongation, hole depth should be at least two anchor diameters more than the anchor length. Anchor should be fully threaded by screws as shown. Unlike other plastic anchors, the fins on the sharkie anchor prevent the anchor from sinking into the hole and spinning on installation.

### ORDERING INFORMATION

Cat. No.	Description	Std. Box	Std. Ctn
7580	Sharkie Flange 4-10	75	100
7582	Sharkie Flange 6-12	75	100
7584	Sharkie Flange 8-14	75	100

### INSTALLATION SPECIFICATIONS \*

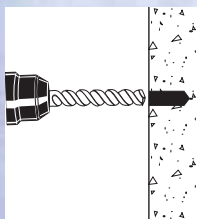
Dimensions	07580	07582	07584
Drill Diameter (in.)	3/16	1/4	5/16
Screw Size Range (#)	#4-#10	#6-#12	#8-#14
Min. Thread Length (in.)	1-3/16	1-3/8	1-13/16
Anchor Length (in.)	1	1-3/16	1-5/8
Hole Depth Min. (in.)	1-3/8	1-9/16	2
Min. Wall Thickness (in.)	1/4	3/8	1/2
Min. Embedded Thread Length (in.)	1-7/8	2	2-9/16

1. In dry wall, a 10d nail or awl will suffice to make insertion hole for Sharkie Flange 4-10 anchor.
2. For large screws, use 5/16" drill for soft substrate (drywall) and 1/4" drill for very hard substrate (high compression concrete).
3. Total screw length should never exceed hole depth + fixture thickness. In hollow walls, minimum screw length = wall thickness + fixture thickness + 1/4"
4. In high compression strength substrates, screws that are nominally equal in diameter to the anchor can be used for high strength applications.

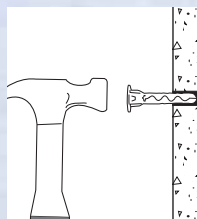


## INSTALLATION GUIDELINES

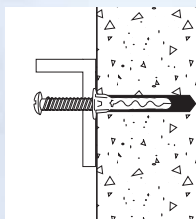
### Solid Base Material



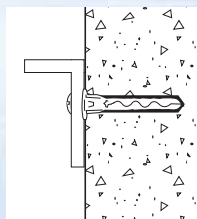
1. Drill hole into solid wall same diameter as anchor diameter. Minimum hole depth = 2x the length of the anchor.



2. Push in anchor and tap flush to wall with hammer.

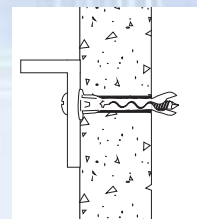


3. Place item over anchor. Insert screw and tighten flush with item.

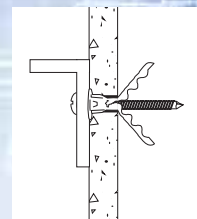


4. Anchor will extrude up to 2x its original length, sealing the hole and providing highest holding power.

### Hollow Base Material



Fins wedge in thick wall.



In hollow drywall, fins cut into wall, jaws lever and wedge open.

Note: For best results, use a screw gun for installation in solid walls. If you hit a hidden cavity, the screw opens the anchor and locks securely.

## PERFORMANCE DATA

### Ultimate Load Capacities in Concrete

Anchor Size	Drill Diameter	Screw Size	4000psi Concrete	
			Tension (lbs.)	Shear (lbs.)
#4-#10	3/16"	#8 sheet metal screw	90	120
		#10 sheet metal screw	90	120
#6-#12	1/4"	#8 sheet metal screw	190	220
		#10 sheet metal screw	190	220
#8-#14	5/16"	#8 sheet metal screw	215	500
		#10 sheet metal screw	215	500

### Recommended Holding Strength in Drywall

Anchor Size	Drill Diameter	Screw Size	1/2" Drywall / Hold Up to (lbs.)
#6-#12	1/4"	#8 sheet metal screw	70
		#10 sheet metal screw	70
#8-#14	5/16"	#8 sheet metal screw	70
		#10 sheet metal screw	70

### Ultimate Load Capacities in Drywall

Anchor Size	Drill Diameter	Screw Size	1/2" Drywall	
			Tension (lbs.)	Shear (lbs.)
#6-#12	1/4"	#8 sheet metal screw	80	160
		#10 sheet metal screw	80	160
#8-#14	5/16"	#8 sheet metal screw	90	180
		#10 sheet metal screw	90	180

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