



2.5" x 2.5" Interior Post Cap

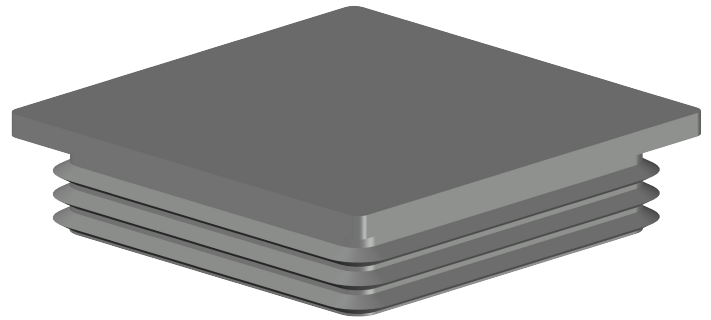
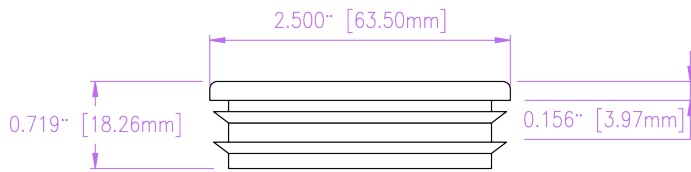
PRODUCT DATA SHEET
U.S. Patent 11,066,846 B1

PART: 2.5" Post Cap
REV: B
DATE: 2026-05
SHEET: 1 of 1

DESCRIPTION

Polyethylene press-fit cap that seals the open top of the 2.5" x 2.5" Galvanized Post in the patented ecFence privacy fence system. Compression fins on the cap's skirt grip the inside of the post wall to hold it in place; the cap top seats flush against the post wall top edge, presenting a clean 5/32 in (3.97 mm) visible finished border and preventing water ingress and corrosion inside the post cavity. Available in standard ecFence finish colors, for residential and commercial perimeter applications.

DRAWINGS



CROSS-SECTION

ISOMETRIC

SPECIFICATIONS

Material	Polyethylene (PE)	Outside dimensions	2.5 x 2.5 in (63.5 x 63.5 mm)
Weight, per piece	0.0314 lb (14.2 g)	Total height	0.719 in (18.26 mm)
Bundling	25 pieces / package	Compatibility	2.5 x 2.5 in HSS posts



DURABLE



ROT-PROOF



TERMITE-PROOF



LOW MAINTENANCE



EASY TO INSTALL

FINISH COLORS

PRODUCTION

● Natural Bronze ○ Arctic White

COMING SOON

● Foggy Gray ● Midnight Black

INSTALLATION & FASTENING

INSTALLATION

Set the cap on the open top of the 2.5" x 2.5" Galvanized Post and press by hand; tap with a rubber mallet if needed. Compression fins grip the post interior; the cap self-stops at the post wall edge. No fasteners required.

POST SPACING

Fence Height	Spacing	Post Length
4 ft	6'-0" o.c.	6 ft
6 ft	6'-0" o.c.	8 ft
8 ft+	—	Use 3" x 3" post

Per ecFence engineering reference S-1. One cap per post.

FIELD CUTTING

No field cutting required. The cap is molded to final dimensions and is installed as shipped.

STORAGE & HANDLING

Do not store packaged caps outdoors. Store indoors or under fully waterproof cover until installation.