Malco®

Radiant Heat
TOOLS

From start to finish, Radiant Heat Tools by Malco make it easy to install energy-efficient heating solutions.

Fast, Easy, One Handed, One Stroke
Stapling Power!
in wood or foamboard

Secures a layout of PEX to a wooden sub-floor, or foamboard base, faster than any other layout method!

NOW with Wire-form Stand and Staple Feed Weight*

No. PWS1
PEX Stapler for Wood and Foamboard

OPERATES FROM A COMFORTABLE STANDING POSITION
Easily secures PEX tubing (PolyethyleneCross –linked Tubing) to either a base of wood sub-flooring or foamboard insulation. **A.** Sturdy, retractible wire-form stand allows stapler to be parked upright, free-standing, when not in use or when loading staples.

LIGHTWEIGHT, ONE-PIECE POLYMER SLIDE
cleanly delivers Staple to Plunger Assembly and balances tool by directing weight over staple head.

EASY-LOADING, EASY FEEDING
Magazine loading-strips of 25 staples are joined together with a discreet plastic weld that allows staples to separate cleanly as they are engaged by the fastening mechanism. **B.** Staple weight for the magazine slide, ensures a smooth staple feed and uninterrupted stapling when laying out PEX.

NON-JAMMING STAPLING ACTION
A leaf spring controlled stop automatically adjusts to setup staple and guide it through the fastening mechanism without risk of jamming or deforming staple.
U.S. Patent Pending

SMOOTH PLUNGER ACTION
eliminates risk of deforming connection or Jamming Stapler.

STAPLER HEAD HOLDS
PEX tubing (Polyethylene Cross-linked Tubing) in Place as Staples are installed.

A.

B.

* Weight fits old and new FBS, FBSN and PWS1 Staplers.

No. FBSN
Foamboard
Stapler

Rugged design, smooth action,
Sure Connections™!
in foamboard

No. FBSN Foamboard Stapler is for in-floor radiant heating installations. A lightweight, one-piece polymer slide with staple feed weight cleanly delivers foamboard staples for non-stop action. A leaf spring controlled stop automatically adjusts to setup staple and guide it through the fastening mechanism without risk of jamming or deforming staple. Magazine loading-strips of 25 staples are joined together with a discreet plastic weld that allows staples to separate cleanly as they are engaged by the fastening mechanism. A sturdy, retractible wire-form stand allows stapler to be parked upright, free-standing, when not in use or when loading staples.

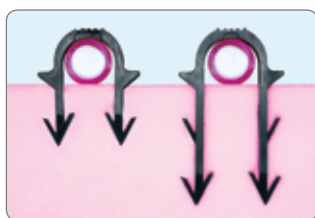**NOW with Wire-form Stand and Staple Feed Weight***

* Weight fits old and new FBS, FBSN and PWS1 Staplers.

Stapler Conversion Kit Available for Malco FBSN and Original FBS Staplers
• Modify your Malco No. FBS or FBSN Foamboard Stapler for use with a wooden sub-floor.
• The No. PWSK1 kit includes weight cylinder and easy instructions.

Exclusive Staple Designs

Foamboard Staples No. FBSN1 & No. FBSN2
DUAL-BARBED staples increase "BITE" and holding power to secure 3/8" (9.5 mm), 1/2" (12.7 mm), 5/8" (15.9 mm) PEX to 1" (25.4 mm) or 2" (50.8 mm) foamboard insulation.

No. FBSN1 *1-1/2" (38.1 mm) staples are designed for 1" (25.4 mm) foamboard.*

No. FBSN2 *Additional barbs on 2-1/2" (63.5 mm) staples "Double the Holding Power" in 2" (50.8 mm) foamboard.*

PEX to Wood Staples No. PWS2
PEX to Wood staples feature two .083 x 3/4-in. ring-shank stainless steel nails for superior pull strength in a wooden sub-floor. Use No. PWS2 1-1/8" (28.6 mm) Staples to secure 3/8", 1/2" or 5/8" (9.5, 12.7 or 15.9 mm) PEX layouts to a 3/4" (19.1 mm) wooden sub-floor.

Specifications

Catalog Number	Description	Stapler Size in. (mm)	Staple Size in. (mm)
PWS1	PEX to Wood Stapler	37"x11-1/4" x 2-1/2" (940x286x64)	—
PWS2	PEX to Wood Staples (for use in plywood)	—	1.125" (28.6)
PWSK1	Conversion Kit for Original FBS / FBSN Foamboard Stapler	—	—
FBSN	Foamboard Stapler	37"x11-1/4" x 2-1/2" (940x286x64)	—
FBSN1	1" (25.4 mm) Foamboard Staple	—	1-1/2" (38.1)
FBSN2	2" (50.8 mm) Foamboard Staple	—	2-1/2" (63.5)
FBS1BX	2" (50.8 mm) Foamboard Staple Box	—	2-1/2" (63.5)
FBS2BX	1" (25.4 mm) Foamboard Staple Box	—	1-1/2" (38.1)
FBSNS	Wire-Form Stand (fits FBSN and PWS1 Staplers)	—	—
FBSNW	Staple Feed Weight (fits FBS, FBSN and PWS1 Staplers)	—	—

PEX Tubing Uncoiler

Use for hydronic in-floor radiant heating layout and for running potable tubing.

An optional Wheel and Handle Kit is also available.

Fast Set-Up, Easy Loading and Dispensing.
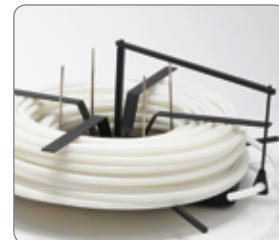
Accommodates all types of PEX tubing: 1000 ft. (305 m) of 3/8" to 1/2" (9.5 to 12.7 mm) 500 ft. (152 m) of 5/8" to 1" (15.9 to 25.4 mm)

1000 ft. (305 m) x 1/2" (12.7 mm)

500 ft. (152 m) x 1" (25.4 mm)

EASY STEP BY STEP ASSEMBLY

PEX to Wire

The *lowest cost per connection* for laying out a PEX in-floor radiant heating system on a wire grid!

REDLINE™ HANDLES by Malco

Safe to Use
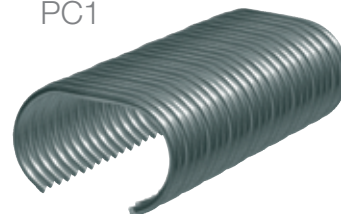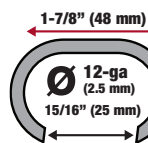on all PEX to wire applications and all brands of PEX tubing from 3/8" (10 mm) to 5/8" (16 mm) diameters.

• Trouble FREE tool operation and secure clip connecton.

• Easy-loading magazine with 25 clip capacity won't slow you down.

• 12-gauge (2.5 mm) clips will not jam, break or damage PEX.

• Clip connection allows some PEX movement to avoid abrasion.

PT1

PEX TO WIRE CLIPS
PC1

EASY STEP BY STEP LOADING

1-7/8" (48 mm)

Ø 12-ga (2.5 mm)
15/16" (25 mm)

15/16" (25 mm)

Specifications

Catalog Number	Description	Clip Usage	Length in. (mm)	Net Wt. oz. (g)
UC1	PEX Tubing Uncoiler in Case	—	—	—
UWK	PEX Tubing Uncoiler Wheel and Handle Kit	—	—	—
PT1	PEX to Wire Tool	PC1	10-3/8" (264 mm)	28 (794)

Pex to Wire Clips - 25 clips per strip

Catalog Number	Steel Type	For Tools	Crown in. (mm)	Opening in. (mm)	Inside Dia. in. (mm)	Thickness Ga. (mm)	Package Qty.
PC1	PEX to Wire Tool	PT1	1-7/8" (48 mm)	15/16" (25 mm)	15/16" (25 mm)	12 (2.5 mm)	500