



# Radiant Heat TOOLS

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



# Staplers & Staples for fast in-floor

**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!***



**No. PWS1**  
PEX Stapler  
for Wood and  
Foamboard

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



### **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, retractable 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.

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

# Floor Radiant Heating Installation

## *Rugged design, smooth action,* ***Sure Connections!***<sup>TM</sup> *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, retractable 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\***

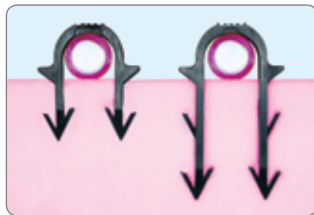
\* Weight fits old and new FBS, FBSN and PWS1 Staplers.



### **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.



Fast Set-Up,  
Easy Loading and  
Dispensing.

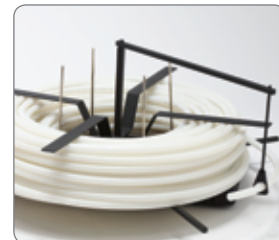
Accommodates all types of PEX tubing:  
1000 ft. (305 m) of 3/8" to 1/2"  
(9.5 to 12.7 mm) 500 ft. (152 m) of  
5/8" to 1" (15.9 to 25.4 mm)



An optional Wheel and Handle Kit is also available.



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!



- 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.

**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.



PT1



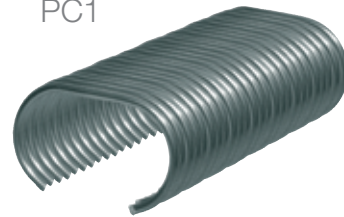
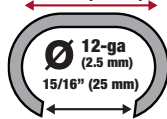
**REDLINE**  
HANDLES by Malco

PEX TO WIRE CLIPS  
PC1

EASY STEP BY STEP LOADING



1-7/8" (48 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