

SL14438

Malco®

Work. Perform. Outlast.

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-f

Easy, Versatile, One Stroke **PEX Tubing Staplers!**



FBSN Foamboard Stapler



PWS1 for Foamboard & Wooden Sub-Floor



FBSN
Foamboard
Stapler

PWS1
PEX Stapler
for Wood and
Foamboard

Secure uniform rows of PEX to a foamboard base, wooden sub-floor or both **faster than any other layout method!**

Both Models operate from a Comfortable Standing Position :

Easily secure PEX (PolyethyleneCross linked tubing) to a base of wood sub-flooring or foamboard insulation. **Model No. PWS1 will do both, with added slide weight.** 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.

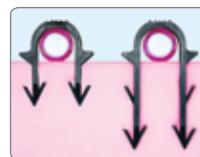
Easy Loading, Easy Feeding : Magazine loading-strips of 25 staples are joined together with a discreet plastic weld that allows staples to separate cleanly as they are engaged by the fastening mechanism.

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.

Smooth Plunger Action eliminates risk of deforming connection or jamming stapler.

Stapler Head Holds PEX tubing in place as staples are installed.

Exclusive Staple Designs



Foamboard Staples

FBSN1: 1-1/2 in. (38.1 mm), for 1 in. (25.4 mm) foamboard.
FBSN2: 2-1/2 in. (63.5 mm) staples double the holding power in 2 in. (50.8 mm) foamboard.



PEX to Wood Staples

PWS2: 1-1/8 in. (28.6 mm) staples to secure 3/8, 1/2 or 5/8 in. (9.5, 12.7 or 15.9 mm) PEX layouts to a 3/4 in. (19.1 mm) wooden sub-floor.

Did you Know?

Foamboard Stapler Conversion Kit :
Malco FBSN and Original FBS Staplers can be modified for use with a wooden sub-floor. The PWSK1 conversion kit includes weight cylinder and easy instructions.



Floor Radiant Heating Installation

Easily Secure PEX to Wire Grid with a **SmartTool™ Stapler**

using SmartClip™ Fasteners



SM1

SmartTool™
PEX to Wire Grid Stapler
40 Clip Capacity

SM2

SmartClips™



80% Faster - 100% Smarter

Fast Operation : One-person operation is 80% faster than traditional methods.

Top Loading Magazine : SmartClips™ are installed with the aid of an easy-to-use, top loading, magazine fed SmartTool™ Stapler.

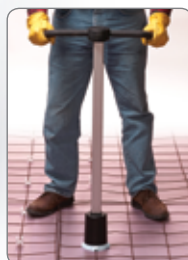
Smart Ergonomics : The ergonomic SmartTool™ attaches SmartClips™ to the wire grid from a standing position to save knees and back. The PEX is also installed from an easy standing position by pressing into place with one foot while distributing the tubing along the clip layout.

Better Concrete Coverage : Installed SmartClips™ lift the PEX tubing from the wire to allow thorough concrete encasement and coverage.

Non Corrosives : Plastic-to-plastic connections eliminate risk of fastener corrosion or abrasion of PEX. Straighter, more uniform layout of PEX is assured with this smart fastening system.



Easy top-loading
SmartClip magazine



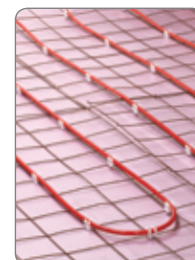
Use the SmartTool
standing comfortably



SmartClip is designed
for a secure wire
connection



Protective plastic-to-
plastic PEX connections



Uniform layout ensures
even radiant heating
surface.

Specifications

Pex Tubing Staplers and Staples

Catalog Number	Description	Stapler Size in. (mm)		Staple Size in. (mm)	
PWS1	PEX to Wood Stapler	37 x 11-1/4 x 2-1/2 (940 x 286 x 64)		—	
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 x 11-1/4 x 2-1/2 (940 x 286 x 64)		—	
FBSN1	1 in. (25.4 mm) Foamboard Staple (200 quantity)	—		1-1/2 (38.1)	
FBSN2	2 in. (50.8 mm) Foamboard Staple (200 quantity)	—		2-1/2 (63.5)	
FBS1BX	2 in. (50.8 mm) Foamboard Staple Box (300 quantity)	—		2-1/2 (63.5)	
FBS2BX	1 in. (25.4 mm) Foamboard Staple Box (300 quantity)	—		1-1/2 (38.1)	
FBSNS	Wire-Form Stand (fits FBSN and PWS1 Staplers with Black Slide)	—		—	
FBSNW	Staple Feed Weight (fits FBS, FBSN and PWS1 Staplers)	—		—	

Smart Tool™ and Smart Clips™

Catalog Number	Description	Tool Length in. (cm)	Handle Width in. (cm)	Wire Capacity Ga. (mm)	SmartTool Clip Maximum	PEX Capacity in. (mm)	Tool Net Weight lbs. (kg)	UOM	Quantity
SM1	SmartTool™	38.5 (98)	21 (53)	—	2 Strips of 20 Clips	—	6.1 (2.78)	Ea.	1
SM2	SmartClip™	—	—	10 (3.5)	—	.5 (12.7)	—	Pkg.	1280

PEX Tubing Uncoiler

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



Fast Set-Up, Easy Loading and Dispensing.

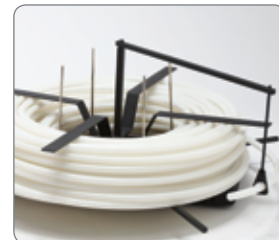
Accommodates all types of PEX tubing:
1000 ft. (305 m) of 3/8 in. to 1/2 in.
(9.5 to 12.7 mm) 500 ft. (152 m) of
5/8 in. to 1 in. (15.9 to 25.4 mm)



An optional Wheel and Handle Kit is also available.



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



500 ft. (152 m) x 1 in. (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 connection.
- 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 in. (10 mm) to 5/8 in.
(16 mm) diameters.

REDLINE
HANDLES by Malco

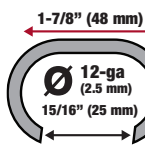


PT1

**PEX TO WIRE CLIPS
PC1**



EASY STEP BY STEP LOADING



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

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