

PAIRCOIL™

Pre-Insulated, Paired Lineset for Mini-Split Installations

Description

Paircoil™ pre-insulated, paired linesets are designed for air conditioning and refrigeration installations using A2L refrigerants R454B and R-32, along with R410A, R22 and other refrigerants. They save time and labor during mini-split installations and retrofits. The 1/2-inch insulation thickness is compatible with all lineset protection ducting such as Fortress®, Cover Guard™ and Slimduct®. Paircoil meets ASTM International specifications for seamless copper tubing used in air conditioning and refrigeration field service (B280) and for pre-formed flexible, cross-linked 40x polyethylene foam (C1427).

**Additional information**

- Wide Temperature Range (-40°F to 248°F): Meets ASTM C411 and C447, resists moisture absorption, and withstands freeze/thaw cycles without degrading prematurely.
- Fire-Resistant: Flame and Smoke resistant - ASTM E84 25/50 rated.
- Durable: Handles up to 700 psi operating pressure ASTM B1003.
- UV-Resistant Coating: Retains over 60% tensile strength after more than three years of UV exposure* with minimal discoloration.
- Wear-Resistant, Low-Friction Coating: Prevents tearing and allows for smooth pulling through walls.
- Malleable Copper Tubing & Insulation: Easily bends and shapes without kinking.
- Industrial-Grade White Insulation: Offers a balance of hardness and flexibility for long-lasting performance.
- Embossed, incremental two-foot inscriptions and length markers: Provide hands-free measuring for increased efficiency and ensure quick, accurate cutting.
- Easy Decoupling: Allows for separation without the need for cutting tools, ensuring quick access to terminals.

*Based on super UV testing; results vary by conditions.

Characteristics | Features

- Fire retardant, industrial grade, cross-polyethylene insulation
- 1/2" insulation thickness meets IMC & IRC code
- Sturdy, protected cardboard box stacks without damaging lineset
- Fully illustrative package
- Flame and smoke: ASTM E84 25/50
- Thermal conductivity: ASTM C518
- Linear shrinkage: ASTM C1427
- Water absorption: ASTM C1763
- Maximum use temperature: ASTM C411/C447
- Water vapor permeability: ASTM E96
- UV exposure: ASTM G154

Applications

Use to connect condenser to evaporator for mini-split installations. Protects mini-split linesets from environmental damage and ensures code compliance. Safeguard lines against severe weather, direct UV exposure, accidents, negligence, and theft.

Packaging

Code	Description	Length	Qty per Case	Lbs. per Case	Cubic Ft per Case
87770	1/4" (6.35mm) x 3/8" (9.52mm) x 1/2" (12.7mm)	25 ft	1	6.56	1.63
87779	1/4" (6.35mm) x 3/8" (9.52mm) x 1/2" (12.7mm)	35 ft	1	9.20	2.44
87780	1/4" (6.35mm) x 3/8" (9.52mm) x 1/2" (12.7mm)	50 ft	1	9.20	2.96
87786	1/4" (6.35mm) x 1/2" (12.7mm) x 1/2" (12.7mm)	25 ft	1	7.92	2.44
87796	1/4" (6.35mm) x 1/2" (12.7mm) x 1/2" (12.7mm)	35 ft	1	11.13	2.88
87797	1/4" (6.35mm) x 1/2" (12.7mm) x 1/2" (12.7mm)	50 ft	1	15.84	3.82
87798	1/4" (6.35mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	25 ft	1	9.68	4.20
87799	1/4" (6.35mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	35 ft	1	13.55	5.31
87806	1/4" (6.35mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	50 ft	1	19.32	5.27
87807	3/8" (9.52mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	25 ft	1	11.13	4.12
87808	3/8" (9.52mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	35 ft	1	15.44	5.27
87809	3/8" (9.52mm) x 5/8" (15.9mm) x 1/2" (12.7mm)	50 ft	1	22.13	5.34

Specifications

Insulation Material	Cross-linked polyethylene
Tube	Copper, ASTM B280 C12200 DHP
Application	ductless installation
Size	multiple sizes
Color	Ivory

A2L Compatible

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.



Limited Warranty



For more information on our product limited warranty, visit RectorSeal.com

Manufactured by

RectorSeal, LLC

2601 Spenwick Drive • Houston, TX 77055, USA • 800-231-3345 • Fax 800-441-0051 • rectorseal.com

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