RECTORSEAL

A CSW Industrials Company

PRODUCT DATA SHEET

PRO-FIT™ QUICK CONNECT

Push-to-Connect Refrigerant Fittings

Description

PRO-Fit Quick Connect push-to-connect refrigerant fittings quickly connect copper and coated aluminum linesets for mini-split and unitary HVAC units. With no flaring or brazing involved, refrigerant lines can be securely and safely connected by PRO-Fit Quick Connect in various environments.

The unique, leak-proof double O-rings sealing design creates a permanent high pressure gas seal that prevents connection leaks caused by galling, vibration, pulsation and extreme temperature changes.



Packaging

NOTE: The units are individually sealed to allow for resale by a distributor.

Code	Description	Qty per Case	Lbs per Case	Cubic Feet
87018	1/4" Union	10	1.45	0.04
87019	3/8" Union	10	1.85	0.04
87020	1/2" Union	10	2.15	0.06
87021	5/8" Union	10	2.25	0.06
87022	3/4" Union	10	3.95	0.13
87023	7/8" Union	10	4.15	0.13
87024	1/4" Elbow	10	1.45	0.04
87025	3/8" Elbow	10	2.15	0.04
87026	1/2" Elbow	10	2.35	0.06
87027	5/8" Elbow	10	2.75	0.06
87028	3/4" Elbow	10	4.45	0.13
87029	7/8" Elbow	10	4.55	0.13
87030	1/4" to 3/8" Reducer	10	1.55	0.04
87031	3/8" to 1/2" Reducer	10	1.85	0.06
87032	1/2" to 5/8" Reducer	10	2.15	0.06
87033	1/4" to 3/8" Elbow Reducer	10	1.75	0.04
87034	3/8" to 1/2" Elbow Reducer	10	2.25	0.06
87035	1/2" to 5/8" Elbow Reducer	10	2.55	0.06
87036	1/4" Socket	10	1.15	0.04
87037	3/8" Socket	10	1.65	0.04
87038	1/2" Socket	10	1.85	0.06
87039	5/8" Socket	10	1.95	0.06
87042	1/4" Valve	5	1.15	0.04
87043	3/8" Valve	5	1.75	0.04
87044	1/2" Valve	5	2.30	0.06
87045	5/8" Valve	5	2.55	0.06
87050	1/4" – 5/8" Support Kit Line Marking Tool & Disconnect Clips	5	2.50	.13
87051	3/4" – 7/8" Support Kit Line Marking & Disconnect Tools	5	2.00	.13

Applications

- Flame-free fittings for connecting refrigerant lines
- For HVAC/R up to 870 psi (60 bar)
- Prevent refrigerant lineset leaks

Recommended for

- Residential use
- Mini-split HVAC units
- Unitary indoor coils
- Coated aluminum linesets

Characteristics | Features

- Quick and easy push-in
- Flame-free: no flaring or brazing needed
- Single-use with quick-release removal
- Robust brass body, durable & reliable
- Leak-proof double O-rings sealing
- Complete system with all sizes and configurations
- High tensile strength
- Vibration and impact resistant
- UV resistant
- Corrosion resistant
- Compatible with major refrigerants, including R22, R410a, R32, R452b and R454b
- Increased cup depth reduces angular defection for straighter runs

c UL us LISTED
Refrigerant Fitting
5SC4

ICC ES

Instructions

TO CONNECT FITTING:
1. Cut the Tube.
2. De-burr.
3. Use prep tool (sold separately), refer to chart to determine depth.
4. Mark insertion depth.
5. Push into fitting until grip ring securely clamps.
6. Gently pull on the tube to ensure proper seating.

Product Size	Insertion Depth	Recommended Torque Specifications
1/4" Fitting	1"	14 – 18 ft-lbs
3/8" Fitting	1-1/4"	24 – 30 ft-lbs
1/2" Fitting	1-1/4"	40 – 47 ft-lbs
5/8" Fitting	1-5/16"	46 – 59 ft-lbs
3/4" Fitting	1-1/2"	–
7/8" Fitting	1-9/16"	–

TO DISCONNECT FITTING:
The refrigeration system must be isolated, or pumped down before disconnecting. Press the release with disconnect clip to remove tubing. Make sure that the fitting and tube are free from defects. The fitting and tubing should be free of damage, foreign object and marks on the outside diameter. Do not insert fingers in the grip ring inside the fitting.

⚠WARNING This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

For additional technical information, call toll free 1-800-231-3345.

Limited Warranty

5YR LIMITED WARRANTY

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

Distributed by

RectorSeal, LLC

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

Australia Pty Ltd. • PO Box 5266 Brendale, Qld 4500 • 1300 77 2878 • rectorseal.com.au

3255 Wyandotte St. East • Windsor, ON N8Y 1E9, Canada • 519-966-4901

A CSW Industrials Company. RectorSeal, the logos and other trademarks are property of RectorSeal, LLC, its affiliates or its licensor's and are protected by copyright, trademark and other intellectual property laws, and may not be used without permission. RectorSeal reserves the right to change specifications without prior notice. ©2024 RectorSeal. All rights reserved. R50112-0224