

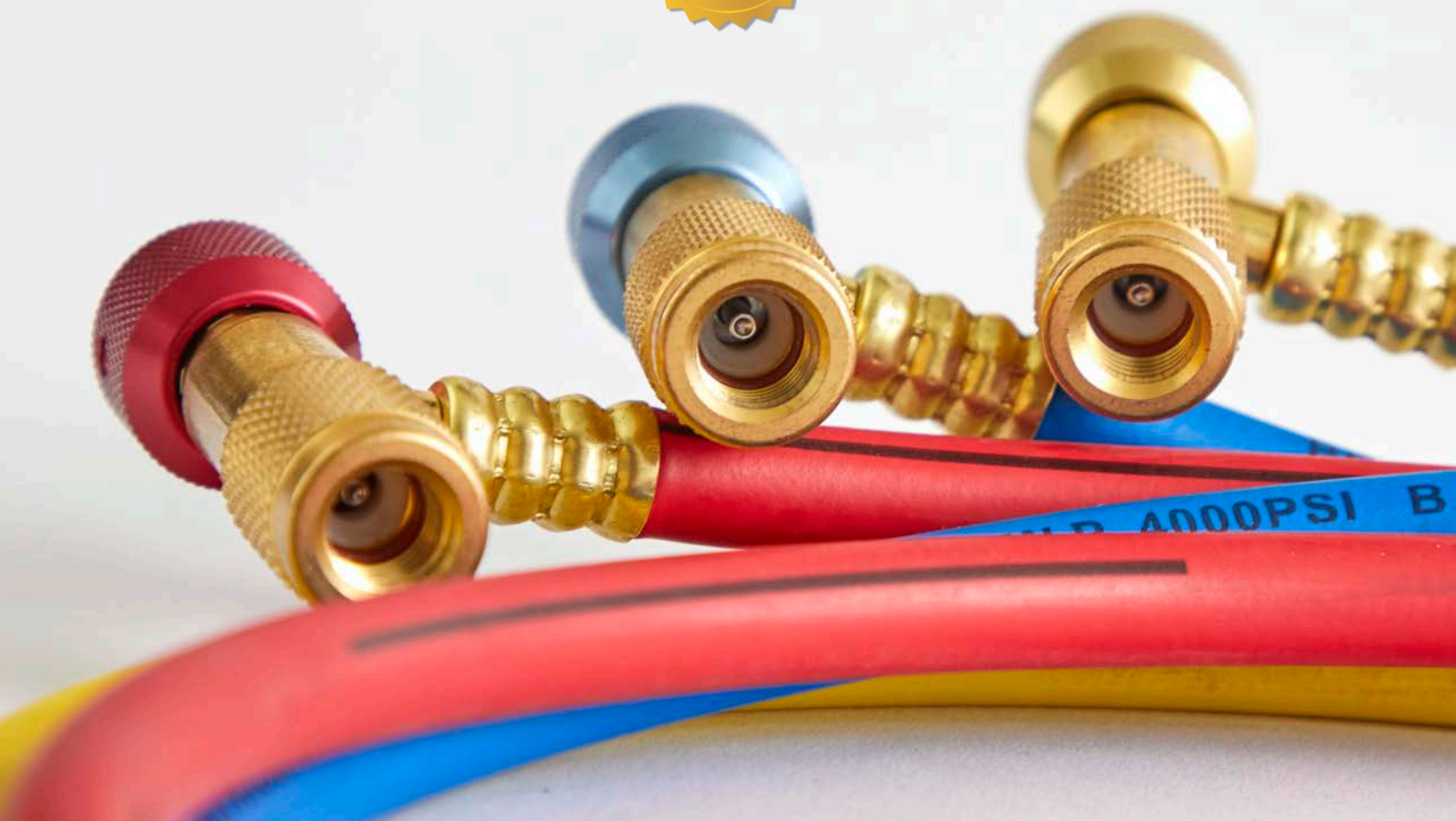


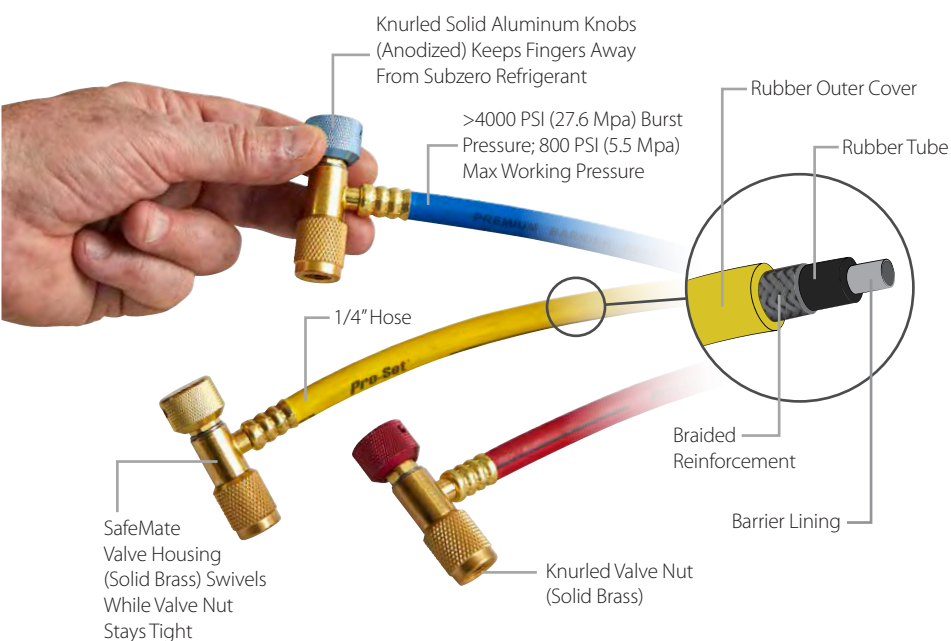
Pro-Set®

Premium Refrigerant Charging Hoses

With SafeMate™ Valves

A convenient three pack of 1/4" patented 5 ft. (1.3m) barrier hoses in red, yellow and blue for safely and efficiently charging, recovering and evacuating CFC, H/CFC, HFC, HFO, plus R410a, R134a and R12234yf refrigerants in residential and commercial HVAC/R systems.





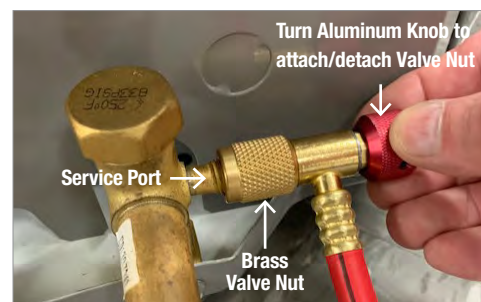
SafeMate Hoses

HP5NG, HJ5NG, HK5NG



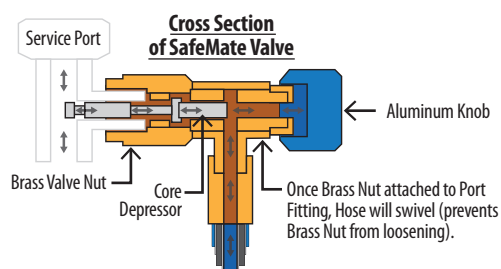
DESCRIPTION

- **All Hoses Feature** - A solid brass "T" shaped SafeMate Valve on one end, and an open, straight Brass Valve Nut on the other.
- **SafeMate Valves** - Have a screw down core depressor that activates refrigerant flow after the Brass Valve Nut has been fully tightened onto a service port. This prevents refrigerant from escaping into the atmosphere.
- **Red, Yellow Or Blue Offset Knobs** - Keep hands away from the service port and help prevent refrigerant burns.
- **Swivel "T" Valve** - Once attached, the innovative T valve swivels *above* the Brass Valve Nut so it won't loosen if a hose is moved during use.
- **Hose Barrier Lining** - Minimizes refrigerant loss vs conventional hoses.



INSTRUCTIONS

1. Hold knurled BRASS NUT while turning ALUMINUM KNOB COUNTER-CLOCKWISE until it stops.
2. Attach BRASS VALVE NUT to SERVICE PORT.
3. Attach OPPOSITE END OF HOSE to service device.
4. Turn aluminum KNOB CLOCKWISE to start FLOW.



HOSE SPECIFICATIONS

	#HP5NG	#HK5NG	#HJ5NG
Straight Fitting (Solid Brass, Aluminum Knob)	1/4" SAE Female	1/4" SAE Female	5/16" Female
SafeMate Fitting (Solid Brass, Aluminum Knob)	1/4" SAE Female	5/16" SAE Female	5/16" SAE Female
Hose Permeation Rate	≤1.01 Lbs/SqFt/Year (≤4.9 Kg/m2/Year)		
Burst Pressure	≥4000 psi (27.6 Mpa)		
Maximum Working Pressure	800 psi (5.51 Mpa)		
Tensile Pull (Per SAE J2196 and SAE J2888)	Minimum pull force to separate hose from coupling: 120 Lbs (≥534 N)		
Refrigerant Compatibility	CFC, H/CFC, HFC, HFO & R410a, R134a, R1234yf		
Patents	Taiwan: #1637133; Japan: #640222; China: #201710540651		
Replacement Gaskets for Straight End (10 Packs)	HX14G	HX14G	HX516G
Replacement Gaskets for Valve End (10 Packs)	HX145126G	HX14516G	HX14516G
Replacement O-Rings for Valve End (10 Packs)	HY14NR	HY516NR	HY516NR

Pro-Set®

PREMIUM REFRIGERANT SERVICE HOSES

- UL recognized assemblies (File SA11622)
- Nylon permeation barrier (meets SAEJ2196 requirements for CFC, HCFC and HFC refrigerants)
- Rated for 4000 psi minimum burst and 800 psi maximum working pressure
- Extra deep knurling on nuts for easy grip
- Adjustable valve core depressor
- Made in USA



1/4" Hoses
for all refrigerants



1/4" Hoses w/45°
ball valve on end



1/4" Hoses w/
Microseal™ anti-
blowback valve



1/4" In-line
ball valve hoses



R-410A Hose w/
special 1/2"-20
UNF fittings



w/45° ball valve
fitting

STANDARD REFRIGERANT SERVICE HOSES

- Rated for 3000 psi minimum burst and 750 psi maximum working pressure



	PREMIUM	STANDARD	PREMIUM	STANDARD	PREMIUM	STANDARD	PREMIUM	STANDARD	PREMIUM
3' (90 cm)	HP3Y	HS3Y*	HP3YE	HS3YE*	HP3YA*	HS3YA*	HP3YL*	HS3YL*	HJ3Y*
	HP3B	HS3B*	HP3BE	HS3BE*	HP3BA	HS3BA	HP3BL	HS3BL*	HJ3B*
	HP3R*	HS3R	HP3RE*	HS3RE*	HP3RA	HS3RA*	HP3RL*	HS3RL*	HJ3R*
	HP3*	HS3	HP3E*	HS3E	HP3A*	HS3A	HP3L*	HS3L*	HJ3*
4' (120 cm)		HS4Y*							
		HS4B*							
		HS4R*							
		HS4*							
5' (150 cm)	HP5Y*	HS5Y*	HP5YE	HS5YE	HP5YA	HS5YA	HP5YL	HS5YL*	HJ5Y*
	HP5B	HS5B*	HP5BE	HS5BE*	HP5BA	HS5BA	HP5BL	HS5BL*	HJ5B*
	HP5R	HS5R	HP5RE*	HS5RE	HP5RA*	HS5RA	HP5RL	HS5RL*	HJ5R*
	HP5*	HS5*	HP5E	HS5E*	HP5A*	HS5A	HP5L*	HS5L	HJ5*
6' (180 cm)	HP6Y*	HS6Y*	HP6YE	HS6YE*	HP6YA*	HS6YA*	HP6YL*	HS6YL*	
	HP6B	HS6B*	HP6BE	HS6BE	HP6BA	HS6BA	HP6BL	HS6BL*	
	HP6R	HS6R	HP6RE*	HS6RE*	HP6RA*	HS6RA*	HP6RL*	HS6RL*	
	HP6*	HS6	HP6E	HS6E*	HP6A*	HS6A	HP6L*	HS6L*	

*Non-stock item (made to order). Call Customer Service for price and lead time.



HP5BKEZ3
1/4" Hoses w/45°
ball valve on end



HP5BKZ3



HV5Z



HV3

PREMIUM BARRIER CHARGING HOSES WITH 1/4" SAE FITTINGS

	HP5BKEZ3	HP5BKZ3	HP5BKAZ3	HP5BKEZ	HP5BKZ
Length	5 ft.				
Hose Ends	Straight & BV (RYB)	Straight	Straight & ABB	Straight & BV	Straight
Qty Hoses	3	3	3	1	1
Neoprene Gaskets	✓				
Permeation Barrier	Nylon				
Working Pressure	800 psig				
Burst Rating	4000 psig				
Ferrule Finish	Bright Nickel				
Crimp	8 Sided				
Qty/Pack	3	3	3	1	1

3/8" HEAVY DUTY VACUUM HOSES

	HV5	HV5E	HV5Z	HV6	HV6E
Length	5 ft.			6 ft.	
Hose I.D.	5/16"				
Hose Color	Black				
Hose Ends	Straight	BV, Straight	Straight	Straight	BV, Straight
Neoprene Gaskets	✓				
Working Pressure	460 psig				
Burst Rating	2300 psig				
Ferrule Finish	Deep Knurl, Brass				
Crimp	8 Sided				
Qty/Pack	1				



PREMIUM BALL VALVE HOSE EXTENSIONS

- Nylon permeation barrier (Meets SAE J2196)
- Leak-proof 8-sided crimp
- 800 Psi working pressure
- 4000 Psi burst pressure
- Extra deep knurling for easy grip
- Adjustable valve core depressor
- Blow off grooves (prevents spray back)
- R-410A compatible, as well as CFC, HCFC and HFC refrigerants and blends

1/4" SAE

	6" (15,2 cm)	12" (30,5 cm)
Yellow	HTYE	HT1YE
Blue	HTBE	—
Red	HTRE	—
3-Pack	HTE	—

HOSE REPLACEMENT PARTS**HXG**

R-134a Hose
Gaskets (10 Pk)
Fits 1/2" Acme

**HXGD**

1/4" SAE Hose
Gaskets and Core
Depressors (6 Ea)

**HX38G**

Hose Gaskets, 3/8"
SAE Neoprene (10)

**HXD**

1/4" SAE Hose
Core Depressors
(10 Pk)

**HXG2**

(1/2"-20 UNF, 1/2"
ACME Hose Gaskets
(10 Pk)

**HXGA**

Microseal™
Antiblowback
Gaskets (10 Pk)

**HXTG**






1/4" SAE Teflon
Replacement Hose
Gaskets (10Pk)

**COMPACT BALL VALVES**

Pro-Set premium ball valves can be added to any existing hose to eliminate refrigerant loss and comply with EPA regulations.









- Easy 1/4 turn open/close with rugged plastic composite color-coded handles
- Oversized chrome ball for smooth operation and non-restrictive flow
- Individual valves include all three color-coded handle inserts

	CPS #	Qty/Pk	Female	Male	Other
	BV	1	1/4" SAE	1/4" SAE	Straight
	BV3	3	1/4" SAE	1/4" SAE	Straight
	BV38	1	3/8" SAE	3/8" SAE	Straight
	BV410A	1	5/16" (1/2" - 20 UNF)	1/4" SAE	Straight
	BV45	1	1/4" SAE 45°	1/4" SAE	45°
	BV453	3	1/4" SAE 45°	1/4" SAE	45°
	BV90	1	1/4" SAE 90°	1/4" SAE	90°
	BVM	1	1/4" SAE	1/4" SAE	Straight

FPT: female (internal) National Pipe Taper Threads
MPT: male (external) National Pipe Taper Threads

MICROSEAL™ ANTI-BLOW BACK VALVES

	CPS #	Qty/Pk	Female	Male	Other
	AB	1	1/4" SAE	1/4" SAE	Straight
	AB3	3	1/4" SAE	1/4" SAE	Straight
	AB410A	1	5/16" SAE (1/2" - 20 UNF)	1/4" SAE	Straight
	AB41090A	1	5/16" SAE (1/2" - 20 UNF) 90°	1/4" SAE	90°
	AB90	1	1/4" SAE 90°	1/4" SAE	90°
	ABG18	1	1/4" SAE 45°	1/8" FPT	1/8" FNPT is not an AB
	AB45	1	1/4" SAE 45°	1/4" SAE	Straight