

PREMIUM CHARGING HOSES

Color coding eliminates line tracing during testing, evacuation, recharging or recovering on the refrigeration and air conditioning systems.

- Blue** - Low Pressure (Compressor Suction);
- Yellow** - Vacuum / Charging (Vacuum Pump / Refrigerant);
- Red** - High Pressure (Compressor Supply);
- Black** - Deep Vacuum (Vacuum Pump).

- For all refrigerants;
- For intermittent use with 2, 4 & 5 way Manifold Gauges Recovery and Recycling Units, Programmable Electronic Scales, Refrigerant Cylinders...;
- Meets U.L. 1963 and SAE J2196 Automotive;
- Working Pressure **55 Bar** (800 psi) - Safety Factor **5 : 1**;
- Burst Pressure **277 Bar** (4000 psi);
- Long Quick Coupler Nut for easy finger tightening and eliminates binding or kinking of hose when tightening;
- Brass Ferrule with eight sided crimped;
- Moulded Neoprene gaskets on 1/4" (7/16" 20UNF) and 5/16" (1/2" 20UNF) free swivelling female SAE Quick Couplers. Easy to replace but won't n pop out;
- Brass valve core depressor furnished in one end or Ball Valve end. Can be easily removed if not required or for replacement.

NOTE : Replace flexible hose every 5 years of normal use.

IDENTIFICATION CODE				
1	2	3	4	5
H	Type	Lenght	Color	Ball Valve

- 1 - H** = Flexible Hose;
- 2 - P** = "Premium" Non Permeating 1/4" F. SAE;
- J = "Premium" Non Permeating 5/16" F. SAE R410a
- N = Heavy Duty 1/4" F. SAE R-717 Ammonia;
- V = Vacuum 3/8" F. SAE;
- U = Vacuum 1/2" F. SAE;
- 3 - "** = Lenght meter - inches - feet (0,9 m. = 36" = 3');
- 4 - B** = Color Blue - **R** = Red - **Y** = Yellow - **N** = Black;
- = Color-Coded Set of 3 pcs.
- 5 - E** = Straight Ball Valve on One End;
- E45 = 45° Ball Valve on One End;
- E90 = 90° Ball Valve on One End;
- = Without Ball Valve.

PREMIUM CHARGING HOSES with STRAIGHT END - (2) x 1/4" (7/16" 20UNF) Female SAE



HP 3 R

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1 B	-	HP 1 R	-
0,6 - 24"	HP 2 B	-	HP 2 R	-
0,9 - 36"	HP 3 B	-	HP 3 R	-
1,2 - 48"	HP 4 B	-	HP 4 R	-
1,5 - 60"	HP 5 B	HP 5 Y	HP 5 R	HP 5
1,8 - 72"	HP 6 B	HP 6 Y	HP 6 R	HP 6
2,4 - 96"	HP 8 B	-	HP 8 R	-
3,0 - 10'	HP10 B	-	HP10 R	-

PREMIUM CHARGING HOSES with STRAIGHT BALL VALVE on ONE END - 1/4" (7/16" 20UNF) Female SAE



HP 6 YE

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1BE	-	HP 1RE	-
0,6 - 24"	HP 2BE	-	HP 2RE	-
0,9 - 36"	HP 3BE	-	HP 3RE	-
1,2 - 48"	HP 4BE	-	HP 4RE	-
1,5 - 60"	HP 5BE	HP 5YE	HP 5RE	HP 5E
1,8 - 72"	HP 6BE	HP 6YE	HP 6RE	HP 6E
2,4 - 96"	HP 8BE	-	HP 8RE	-
3,0 - 10'	HP10BE	-	HP10RE	-

PREMIUM CHARGING HOSES with 45° BALL VALVE



HP 3 RE45

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1BE45	-	HP 1RE45	-
0,6 - 24"	HP 2BE45	-	HP 2RE45	-
0,9 - 36"	HP 3BE45	-	HP 3RE45	-
1,2 - 48"	HP 4BE45	-	HP 4RE45	-
1,5 - 60"	HP 5BE45	HP 5YE45	HP 5RE45	HP 5E45
1,8 - 72"	HP 6BE45	HP 6YE45	HP 6RE45	HP 6E45
2,4 - 96"	HP 8BE45	-	HP 8RE45	-
3,0 - 10'	HP10BE45	-	HP10RE45	-

PREMIUM CHARGING HOSES with 90° BALL VALVE



HP 6 BE90

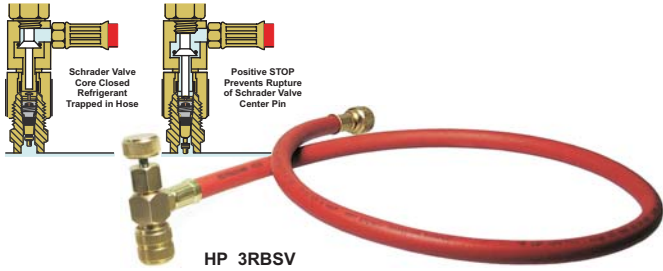
Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1BE90	-	HP 1RE90	-
0,6 - 24"	HP 2BE90	-	HP 2RE90	-
0,9 - 36"	HP 3BE90	-	HP 3RE90	-
1,2 - 48"	HP 4BE90	-	HP 4RE90	-
1,5 - 60"	HP 5BE90	HP 5YE90	HP 5RE90	HP 5E90
1,8 - 72"	HP 6BE90	HP 6YE90	HP 6RE90	HP 6E90
2,4 - 96"	HP 8BE90	-	HP 8RE90	-
3,0 - 10'	HP10BE90	-	HP10RE90	-

PREMIUM CHARGING HOSES 1/4" Female SAE with 90° BACK SEATING CONTROL VALVE

Ideal for use on Access Service Ports, eliminates spraying of refrigerant when disconnected. Open the Schrader Valve core and control the flow of the refrigerant. When the rod is in back seating position the refrigerant is trapped in the hose and the Control Valve can be disconnected without the loss of refrigerant.

- Compact brass body for long service;
- Swivel coupler with double safety O-Rings.

WARNING : Purge the hose before tightening.



Length m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1BBSV	-	HP 1RBSV	-
0,6 - 24"	HP 2BBSV	-	HP 2RBSV	-
0,9 - 36"	HP 3BBSV	-	HP 3RBSV	-
1,2 - 48"	HP 4BBSV	-	HP 4RBSV	-
1,5 - 60"	HP 5BBSV	-	HP 5RBSV	-
1,8 - 72"	HP 6BBSV	-	HP 6RBSV	-
2,4 - 96"	HP 8BBSV	-	HP 8RBSV	-
3,0 - 10'	HP10BBSV	-	HP10RBSV	-

PREMIUM CHARGING HOSES with 90° SHUT-OFF ACCESS VALVE

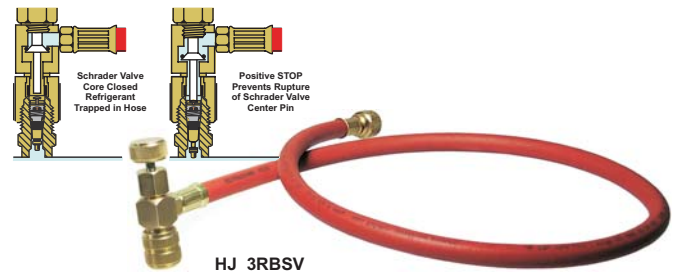
Ideal for use on Access Service Ports, eliminates spraying of refrigerant when disconnected. Spring Retainer Seal automatically opens and depresses the Valve Core only in one action. When disconnected the refrigerant is trapped in the hose and the Shut-Off Valve can be disconnected without the loss of refrigerant.

Blow-off groove channels refrigerant out of the front of the nut to help prevent spray back.



Length m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HP 1BAE90	-	HP 1RAE90	-
0,6 - 24"	HP 2BAE90	-	HP 2RAE90	-
0,9 - 36"	HP 3BAE90	-	HP 3RAE90	-
1,2 - 48"	HP 4BAE90	-	HP 4RAE90	-
1,5 - 60"	HP 5BAE90	-	HP 5RAE90	-
1,8 - 72"	HP 6BAE90	-	HP 6RAE90	-
2,4 - 96"	HP 8BAE90	-	HP 8RAE90	-
3,0 - 10'	HP10BAE90	-	HP10RAE90	-

PREMIUM CHARGING HOSES 5/16" (1/2" 20UNF) Female SAE with 90° BACK SEATING CONTROL VALVE for R-410a and R-32



Length m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HJ 1BBSV	-	HJ 1RBSV	-
0,6 - 24"	HJ 2BBSV	-	HJ 2RBSV	-
0,9 - 36"	HJ 3BBSV	-	HJ 3RBSV	-
1,2 - 48"	HJ 4BBSV	-	HJ 4RBSV	-
1,5 - 60"	HJ 5BBSV	-	HJ 5RBSV	-
1,8 - 72"	HJ 6BBSV	-	HJ 6RBSV	-
2,4 - 96"	HJ 8BBSV	-	HJ 8RBSV	-
3,0 - 10'	HJ10BBSV	-	HJ10RBSV	-

METAL VACUUM HOSES - Swivel Female SAE with Neoprene Gasket x Swivel Female SAE with Neoprene Gasket and Depressor

Durable, leak proof, lightweight and abrasion-resistant hoses. A higher quality alternative to rubber or reinforced plastic hoses, do not alter or crack like rubber or plastic hoses and do not permeate under deep vacuum conditions. Constructed of deep pitch corrugated Seamless AISI 316L Stainless Steel Tubing for increased flexibility, covered by Rounded Harmonic Wire for superior strength. Can be cleaned with solvents.

- For deep evacuation;
- Working Pressure 505 Psi (35 Bar);
- Long Quick Coupler Nut for easy finger tightening and eliminates binding or kinking of hose when tightening;
- Neoprene gaskets on free swivelling Female SAE Quick Couplers. Easy to replace but will not pop out;
- Brass Valve Core Depressor furnished in one end (for 1/4" (7/16" 20UNF) and 5/16" (1/2" 20UNF) Female SAE) or Ball Valve end. Can be easily removed if not required or for replacement.



Length inches/m.	Single Hoses - Model			
	0,9 - 36"	1,5 - 60"	1,8 - 72"	2,4 - 96"
1/4" F. SAE	-	D10460	D10472	-
5/16" F. SAE	D10536	D10560	D10572	D10596
3/8" F. SAE	D10636	D10660	D10672	D10696
1/8" M. NPT	D10AAM36	D10AAM60	D10AAM72	D10AAM96

R410a & R32 Flexible HOSES with BALL VALVE on ONE END - 5/16" (1/2" 20UNF) Female SAE



HJ6YE

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HJ1BE	-	HJ1RE	-
0,6 - 24"	HJ2BE	-	HJ2RE	-
0,9 - 36"	HJ3BE	-	HJ3RE	-
1,2 - 48"	HJ4BE	-	HJ4RE	-
1,5 - 60"	HJ5BE	HJ5YE	HJ5RE	HJ5E
1,8 - 72"	HJ6BE	HJ6YE	HJ6RE	HJ6E
2,4 - 96"	HJ8BE	-	HJ8RE	-
3,0 - 10'	HJ10BE	-	HJ10RE	-

R410a & R32 Flexible HOSES with 45° BALL VALVE



HJ3RE45

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HJ1BE45	-	HJ1RE45	-
0,6 - 24"	HJ2BE45	-	HJ2RE45	-
0,9 - 36"	HJ3BE45	-	HJ3RE45	-
1,2 - 48"	HJ4BE45	-	HJ4RE45	-
1,5 - 60"	HJ5BE45	HJ5YE45	HJ5RE45	HJ5E45
1,8 - 72"	HJ6BE45	HJ6YE45	HJ6RE45	HJ6E45
2,4 - 96"	HJ8BE45	-	HJ8RE45	-
3,0 - 10'	HJ10BE45	-	HJ10RE45	-

R410a & R32 Flexible HOSES with 90° BALL VALVE



HJ6BE90

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,3 - 12"	HJ1BE90	-	HJ1RE90	-
0,6 - 24"	HJ2BE90	-	HJ2RE90	-
0,9 - 36"	HJ3BE90	-	HJ3RE90	-
1,2 - 48"	HJ4BE90	-	HJ4RE90	-
1,5 - 60"	HJ5BE90	HJ5YE90	HJ5RE90	HJ5E90
1,8 - 72"	HJ6BE90	HJ6YE90	HJ6RE90	HJ6E90
2,4 - 96"	HJ8BE90	-	HJ8RE90	-
3,0 - 10'	HJ10BE90	-	HJ10RE90	-

R410a & R32 Testing & Vacuum HOSES for DIGITAL MANIFOLDS (1) 1/4" Female SAE Swivel Nut w/Gasket x 5/16" Female SAE Swivel Nut w/BALL VALVE & Depressor



HJP6YE

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
1,5 - 60"	HJP5BE	HJP5YE	HJP5RE	HJP5E
1,8 - 72"	-	HJP6YE	-	-

R410a & R32 Flexible HOSES for DIGITAL MANIFOLDS with 45° BALL VALVES - 1/4" x 5/16" Female SAE



HJP3RE45

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,9 - 36"	HJP3BE45	-	HJP3RE45	-
1,5 - 60"	HJP5BE45	HJP5YE45	HJP5RE45	HJP5E45
1,8 - 72"	-	HJP6YE45	-	-

R410a & R32 Flexible HOSES for DIGITAL MANIFOLDS with 90° BALL VALVES - 1/4" x 5/16" Female SAE



HJP6BE90

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
0,9 - 36"	HJP3BE90	-	HJP3RE90	-
1,5 - 60"	HJP5BE90	HJP5YE90	HJP5RE90	HJP5E90
1,8 - 72"	-	HJP6YE90	-	-

R32 Charging HOSES for DIGITAL MANIFOLD - 1/4" Female SAE Swivel Nut with Gasket & Depressor x 5/16" Female SAE LH Left Hand Swivel Nut with BALL VALVES



HJLHP6YE

Lenght m. - inches	Single Hoses - Model			Set of (3) Model
	Blue	Yellow	Red	
1,5 - 60"	-	HJLHP5YE	-	-
1,8 - 72"	-	HJLHP6YE	-	-

“HEAVY DUTY” AMMONIA CHARGING HOSES - (2) x 1/4” (7/16” 20UNF) Female SAE Swivel Nuts with Neoprene Gaskets

- Working Pressure **800 Psi** (55 Bar);
- Burst Pressure **4000 Psi** (277 Bar);
- Long Aluminum Quick Couplers Nut for easy hand tightening and eliminates binding or kinking of hose when tightening;
- Moulded Neoprene Gaskets on 1/4” (7/16” 20UNF) free swivelling Female SAE Quick Couplers. Easy to replace but will not pop out.



HN 5N

Lenght m. - inches	Single Hoses - Model				
	0,9 - 36”	1,5 - 60”	1,8 - 72”	2,4 - 96”	3,0 - 10’
-	HN 3N	HN 5N	HN 6N	HN 8N	HN10N

HIGH VACUUM HOSES - (2) 3/8” (5/8” 18UNF) Female SAE Swivel Nuts with Neoprene Gaskets

For intermittent testing, charging and recovery refrigerant. Recommended if faster evacuation or transfer of refrigerant is desired. Heavy construction but flexible, with long service rubber outer covering.

- Working Pressure **500 Psi** (35 Bar);
- Minimum Burst Pressure **2000 Psi** (139 Bar);
- For use with 4 and 5 valve Manifold Gauges, Refrigerant Recovery Units and Refrigerant Drum Adapters;
- Long Quick Coupler Nut for easy hand tightening and eliminates binding or kinking of hose when tightening;
- Moulded Neoprene Gaskets on 3/8” (5/8” 18UNF) free swivelling Female SAE Quick Couplers. Easy to replace but will not pop out.

Inner Diameter : 5/16” ID (7,93 mm.).



HV 5N

Lenght m. - inches	Single Hoses - Model				
	0,9 - 36”	1,5 - 60”	1,8 - 72”	2,4 - 96”	3,0 - 10’
-	HV 3N	HV 5N	HV 6N	HV 8N	HV10N

HIGH VACUUM HOSES with BALL VALVE on ONE END - (2) 3/8” (5/8” 18UNF) Female SAE Swivel Nut with Neoprene Gasket



HV 5NE

Lenght m. - inches	Single Hoses - Model				
	0,9 - 36”	1,5 - 60”	1,8 - 72”	2,4 - 96”	3,0 - 10’
-	HV 3NE	HV 5NE	HV 6NE	HV 8NE	HV10NE

HIGH VACUUM HOSES - (2) 1/2” (3/4” 16UNF) Female SAE Swivel Hex Nuts with Long Tan Copper Gaskets

- Working Pressure **500 Psi** (35 Bar);
- Minimum Burst Pressure **2000 Psi** (139 Bar);
- Inner Diameter : 13/32”** (10,3 mm.);
- Outside Diameter : 0,91”** (23,0 mm.).



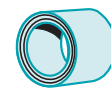
HU 5N

Lenght m. - inches	Single Hoses - Model				
	1,5 - 60”	2,4 - 96”	3,0 - 10’	5,0 - 16’	10 - 33’
-	HU 5N	HU 8N	HU10N	HU16N	HU33N

SPARE PARTS



42010



42010T



42024

Model	Description
42010	Neoprene Gasket for 1/4” (7/16” 20UNF) Female SAE swivel nut.
42020	5/16” (1/2” 20UNF) F. SAE. For R410a, R32.
42308	3/8” (5/8” 18UNF) F. SAE.
42010T	Teflon Gasket for 1/4” (7/16” 20UNF) Female SAE.
42020T	5/16” (1/2” 20UNF) F. SAE. R410a, R32.
42308T	3/8” (5/8” 18UNF) F. SAE.
B3- 8	Long Tan Copper Gasket for 1/2” F. SAE.
42024	Brass Depressor for 1/4” (7/16” 20UNF) and 5/16” (1/2” 20UNF) Female SAE swivel nut.