

# Premium Refrigerant Charging/Vacuum Hoses

## Features

- All assemblies and components made in USA
- Quality brass fittings to ensure longer life and safety
- GY5 refrigerant hose, manufactured by Goodyear Engineered Products
- Nylon, veneer-lined hose for low permeation applications meeting EPA requirement
- Double-barrier design of black, neoprene rubber for additional permeation protection
- Braided Kevlar yarn added for strength with a nitrile/PVC rubber cover for protection
- -20°F to 180°F (-29°C to 82°C) temperature range
- 800# PSI working pressure / 4000# PSI burst pressure
- Suitable for R12, R134a, R22, R500, R502, R404A, R410A and HCFC blends
- UL approved R410A assemblies available - one hose for CFC, HCFC and HFC refrigerants
- 1/4" straight x 1/4" 45° angle fitting or 1/4" straight x 1/4" straight available

## STANDARD HOSES\*



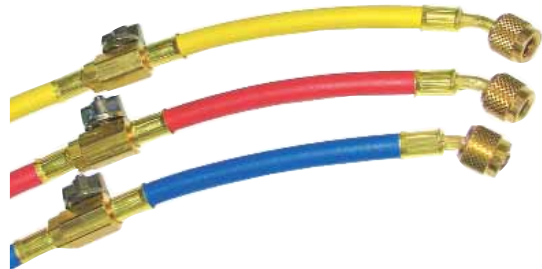
### 1/4"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
36	N36R	N36B	N36Y	N36RBY
48	N48R	N48B	N48Y	N48RBY
60	N60R	N60B	N60Y	N60RBY
72	N72R	N72B	N72Y	N72RBY
96	N96R	N96B	N96Y	N96RBY
144	N144R	N144B	N144Y	-
300	N300R	N300B	N300Y	-
600	N600R	N600B	N600Y	-

### 3/8"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
36	N3836R	N3836B	N3836Y	N3836RBY
48	N3848R	N3848B	N3848Y	N3848RBY
60	N3860R	N3860B	N3860Y	N3860RBY
72	N3872R	N3872B	N3872Y	N3872RBY
96	N3896R	N3896B	N3896Y	N3896RBY
144	N38144R	N38144B	N38144Y	-
300	N38300R	N38300B	N38300Y	-
600	N38600R	N38600B	N38600Y	-

## POSITIVE SHUT-OFF HOSES\*



- Premium refrigerant charging/vacuum hose with in-line positive shut-off ball valves
- 8" length of hose between ball valve and fitting for easy accessibility
- Female flare straight x female flare 45° angle connection

### 1/4"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
36	NBV36R	NBV36B	NBV36Y	NBV36RBY
48	NBV48R	NBV48B	NBV48Y	NBV48RBY
60	NBV60R	NBV60B	NBV60Y	NBV60RBY
72	NBV72R	NBV72B	NBV72Y	NBV72RBY
96	NBV96R	NBV96B	NBV96Y	NBV96RBY

### 3/8"

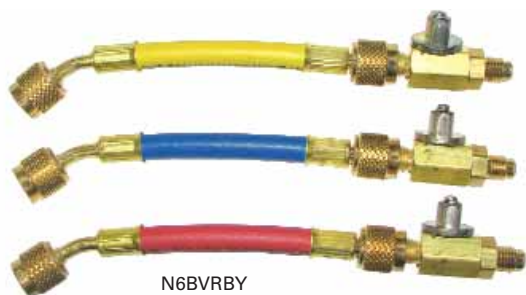
Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
36	NBV3836R	NBV3836B	NBV3836Y	NBV3836RBY
48	NBV3848R	NBV3848B	NBV3848Y	NBV3848RBY
60	NBV3860R	NBV3860B	NBV3860Y	NBV3860RBY
72	NBV3872R	NBV3872B	NBV3872Y	NBV3872RBY
96	NBV3896R	NBV3896B	NBV3896Y	NBV3896RBY

*\* Consult NRP for custom lengths and fittings on all 1/4" and 3/8" hoses*



# Premium Refrigerant Charging/Vacuum Hoses

## BALL VALVE HOSES\*



N6BVRBY

- Premium refrigerant charging/vacuum hose with positive shut-off ball valve end
- 1/4" MFL or 1/4" FFL ball valve connections available
- 3/8" MFL or 3/8" FFL ball valve connections available

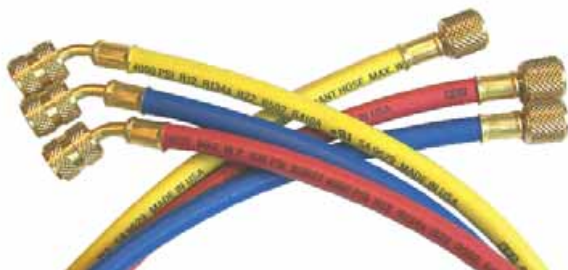
### 1/4"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
6	N6BVR	N6BVB	N6BVY	N6BVRBY
12	N12BVR	N12BVB	N12BVY	N12BVRBY
18	N18BVR	N18BVB	N18BVY	N18BVRBY
24	N24BVR	N24BVB	N24BVY	N24BVRBY
36	N36BVR	N36BVB	N36BVY	N36BVRBY
60	N60BVR	N60BVB	N60BVY	N60BVRBY

### 3/8"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
6	N386BVR	N386BVB	N386BVY	N386BVRBY
12	N3812BVR	N3812BVB	N3812BVY	N3812BVRBY
18	N3818BVR	N3818BVB	N3818BVY	N3818BVRBY
24	N3824BVR	N3824BVB	N3824BVY	N3824BVRBY
36	N3836BVR	N3836BVB	N3836BVY	N3836BVRBY
60	N3860BVR	N3860BVB	N3860BVY	N3860BVRBY

## ANTI-BLOW BACK HOSES\*



- 1/4" premium refrigerant charging/vacuum hose with anti-blow back fittings
- Low-loss, 45° fittings that eliminate refrigerant venting and finger burns
- Knurled nut for easy access to tight areas
- Super-neoprene gaskets for long-life, slow deterioration

### 1/4"

Length (In.)	NRP Part No.			
	Red	Blue	Yellow	3-Pak
36	NAB36R	NAB36B	NAB36Y	NAB36RBY
48	NAB48R	NAB48B	NAB48Y	NAB48RBY
60	NAB60R	NAB60B	NAB60Y	NAB60RBY
72	NAB72R	NAB72B	NAB72Y	NAB72RBY
96	NAB96R	NAB96B	NAB96Y	NAB96RBY

## Heavy Duty Pressure Control Hoses



- All assemblies and components made in USA
- Stainless steel refrigerant hose
- 600# PSI working pressure / 3000# PSI burst pressure
- 3/16" ID, 5/16" OD
- 90° x Straight, 1/4" FFL connects
- Straight x Straight, 1/4" FFL connects available
- For installation or replacement of copper capillary tubing on cut-out and pressure controls

Part No.	Length (In.)
NPCH18	18
NPCH24	24
NPCH30	30
NPCH36	36
NPCH48	48
NPCH60	60

*\* Consult NRP for custom lengths and fittings on all 1/4" and 3/8" hoses*

# Heavy Duty Premium Black Refrigerant Charging/Vacuum Hoses\*



REFRIGERANT SERVICE PRODUCTS

## Features

- 1/4", 3/8" and 1/2" heavy-duty refrigerant hoses constructed by Goodyear Engineered Products
- GY5 premium, permeation resistant, double barrier hose
- Suitable for R12, R134a, R22, R500, R502, R404A, R410A and HCFC blends
- 1/4" and 3/8" rated @ 4000# PSI (276 bar) min. burst pressure and 800# PSI (55 bar) max. working pressure
- 1/2" rated @ 3200# PSI (220 bar) min. burst pressure and 640# PSI (44 bar) max. working pressure

## STANDARD HOSES



NHD1436

Length (In.)	NRP Part No.		
	1/4"	3/8"***	1/2"***
36	NHD1436	NHD3836S	NHD1236S
48	NHD1448	NHD3848S	NHD1248S
60	NHD1460	NHD3860S	NHD1260S
72	NHD1472	NHD3872S	NHD1272S
96	NHD1496	NHD3896S	NHD1296S
144	NHD14144	NHD38144S	NHD12144S
300	NHD14300	NHD38300S	NHD12300S
600	NHD14600	NHD38600S	NHD12600S
900	NHD14900	NHD38900S	NHD12900S
1200	NHD141200	NHD381200S	NHD121200S

## POSITIVE SHUT-OFF HOSES



NHDBV1436

- Heavy duty, premium refrigerant charging/vacuum hose with in-line positive shut-off ball valves
- 8" length of hose between ball valve and fitting for easy accessibility

Length (In.)	NRP Part No.		
	1/4"	3/8"***	1/2"***
36	NHDBV1436	NHDBV3836	NHDBV1236
48	NHDBV1448	NHDBV3848	NHDBV1248
60	NHDBV1460	NHDBV3860	NHDBV1260
72	NHDBV1472	NHDBV3872	NHDBV1272
96	NHDBV1496	NHDBV3896	NHDBV1296

## BALL VALVE HOSES



NHD146BV

- Heavy duty, premium refrigerant charging/vacuum hose with ball valve end
- Full flow ball valve with positive shut-off

Length (In.)	NRP Part No.	
	1/4"	3/8"***
6	NHD146BV	NHD386BV
12	NHD1412BV	NHD3812BV
18	NHD1418BV	NHD3818BV
24	NHD1424BV	NHD3824BV
36	NHD1436BV	NHD3836BV
60	NHD1460BV	NHD3860BV
72	NHD1472BV	NHD3872BV

**\* Consult NRP for custom lengths and fittings on all 1/4", 3/8", 1/2" heavy duty hoses**

**\*\* Straight x Straight Flare (S)**



## SHUT-OFF VALVES



NBV14FM

- Compact design shut-off ball valves for ease of application and use
- Make tank and unit switching easy and fast
- Prevent unnecessary venting and finger burns
- Excellent for maintaining vacuum integrity
- Connect to any 1/4", 3/8" FFL hose fitting

Part No.	Description
NBV14MM	1/4" MFL x 1/4" MFL
NBV14FM	1/4" MFL x 1/4" FFL
NBV38MM	3/8" MFL x 3/8" MFL
NBV38FM	3/8" MFL x 3/8" FFL

## ANTI-BLOW BACK HOSE ADAPTERS, 1/4"



NABS

NAB45

NAB90

- Low-loss, fittings that eliminate refrigerant venting and finger burns
- Available in 45°, 90° and straight fittings
- Knurled nut for easy access to tight areas
- Super-neoprene gaskets for long-life, slow deterioration

Part No.	Connection
NABS	Straight Adapter, 1/4" FFL x 1/4" MFL
NAB45	45° Adapter, 1/4" FFL x 1/4" MFL
NAB90	90° Adapter, 1/4" FFL x 1/4" MFL

## HOSE REPAIR KITS



NH06KIT



NABKIT

For replacement/repair of all 1/4" anti-blow back fittings

Part No.	Description	Quantity
NH06KIT	3/8" Seal Gasket	10
	1/4" Seal Gasket	10
	Depressor	10
	3/8" Finger Tight O-Ring Cap	2
	1/4" Finger Tight O-Ring Cap	6
	Valve Core	5
	Plastic Valve Core Tool	2
NABORING	Replacement O-Ring for Anti-Blow Back Fittings	5
NABKIT	Anti-Blow Back Fitting Repair Kit Bard Head with O-Ring, Replacement O-Rings	7

## HOSE ACCESSORIES



CRT



NH05001



NH05007

Part No.	Description	Quantity
CRT	1/4" Core Extractor	1
CD5555	CRT O-Ring Repair Kit	1
NH05001	1/4" Hose Gasket	10
NH01013	3/8" Hose Gasket	10
NH01012	1/2" Hose Gasket	10
NH03016	1/4" Valve Core	5
NH05007	1/4" Hose Core Depressor	10

# Manifolds & Gauges

## MANIFOLDS



- All assemblies and components made in USA
- Forged brass body with metal valve handles
- Hose anchors forged @ 45°
- Full porting for maximum capacity
- Heavy-duty swivel hook
- Vibration free gauges for minimal needle movement, accurate reading

Part No.	Refrigerant	Includes
RM1	R12, R22, R502	Manifold Only
RM136	R12, R22, R502	(3) 36" Hoses, Red, Blue, Yellow
RM160	R12, R22, R502	(3) 60" Hoses, Red, Blue, Yellow
RM2	R134a, R404A, R22	Manifold Only
RM3	R410A	Manifold Only
RM336	R410A	(3) 36" Hoses, Red, Blue, Yellow
RM360	R410A	(3) 60" Hoses, Red, Blue, Yellow
RM4	R22, R404A, R410A	Manifold Only
RM436	R22, R404A, R410A	(3) 36" Hoses, Red, Blue, Yellow
RM460	R22, R404A, R410A	(3) 60" Hoses, Red, Blue, Yellow
RM5	R22, R407A, R407C	Manifold Only
RM536	R22, R407A, R407C	(3) 36" Hoses, Red, Blue, Yellow
RM560	R22, R407A, R407C	(3) 60" Hoses, Red, Blue, Yellow

## PRESSURE GAUGES



N2001



N2000



N2000G

Part No.	Gauge	Diameter	Refrigerant	Scale Range (PSI)	Color
N2000	High Side	2"	R12, R22, R502	0- 500	Red
N2001	Compound	2"	R12, R22, R502	30" - 0 - 120	Blue
N2002	Compound	2"	R134a, R404A, R22	30" - 0 - 120	Blue
N2003	High Side	2"	R134a, R404A, R22	0- 500	Red
N2004	High Side	2"	R410A, R22, R407C	0- 800	Red
N2005	Compound	2"	R410A, R22, R407C	30" - 0 - 250	Blue
N2006	High Side	2"	R410A	0- 800	Red
N2007	Compound	2"	R410A	30" - 0 - 500	Blue
N2008	High Side	2"	R22, R404A, R410A	0- 800	Red
N2009	Compound	2"	R22, R404A, R410A	30" - 0 - 250	Blue
N2010	High Side	2"	R22, R407A, R407C	0- 500	Red
N2011	Compound	2"	R22, R404A, R407C	30" - 0 - 250	Blue
N3000	High Side	3"	R22, R404A, R410A	0- 800	Red
N3001	Compound	3"	R22, R404A, R410A	30" - 0 - 500	Blue
N3002	High Side	3"	R22, R134a, R404A	0- 500	Red
N3003	Compound	3"	R22, R134a, R404A	30" - 0 - 120	Blue
N2000G	High Side, Glycerine Filled	2"	R12, R22, R502	0- 500	Red
N2001G	Compound, Glycerine Filled	2"	R12, R22, R502	30" - 0 - 120	Blue
N2006G	High Side, Glycerine Filled	2"	R410A	0- 800	Red
N2007G	Compound, Glycerine Filled	2"	R410A	30" - 0 - 500	Blue
Part No.	Description				
GRK	Replacement Glycerine				
GFP	Glycerine Gauge Replacement Fill Plug (3/pack)				



## BALL VALVES



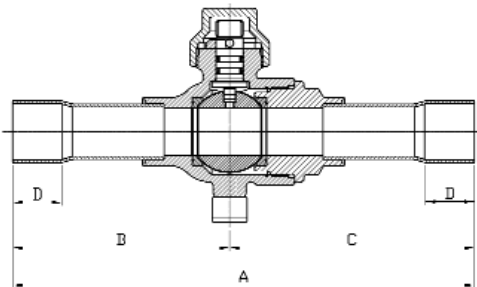
With Access Port



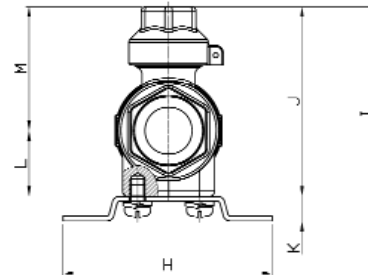
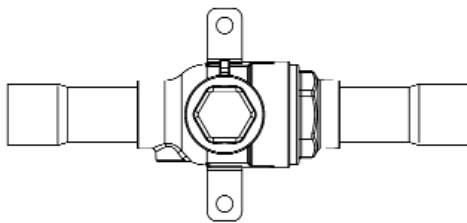
Without Access Port

- Max. working pressure 700 PSI
- Temperature rating: -40°F to 300°F
- Bi-directional application
- Improved internal parts designed to guarantee 0% leakage
- 100% helium tested & max working pressure
- Robust brass body and cap design
- Full range of sizes from 1/4" to 3 1/8" ODF
- Charge port available as an option for all sizes
- UL and CE listed

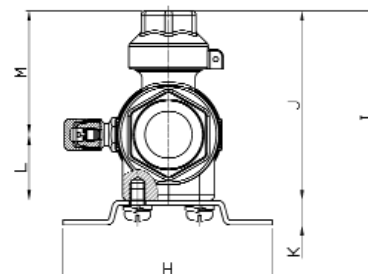
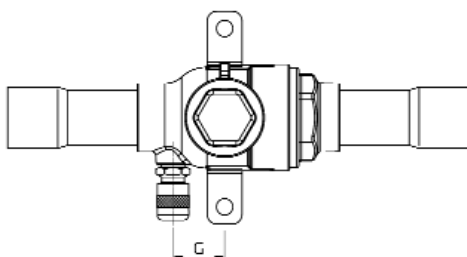
Part No.		Connection ODF (In.)	Ball Port Diameter (In.)	Dimensions (In.)								Maximum Width (In.)	Weight (Lbs.)	Flow (Cv)
With Access Port	Without Access Port			A	B	C	D	E	F	G				
14BVT	14BV	1/4	0.5	5.5	2.6	2.9	0.3	0.8	1.6	0.6	2.3	0.92	2.2	
38BVT	38BV	3/8	0.5	5.5	2.6	2.9	0.4	0.8	1.6	0.6	2.3	0.93	4.4	
12BVT	12BV	1/2	0.5	6.33	3	3.4	0.5	0.8	1.6	0.6	2.3	0.95	7.2	
58BVT	58BV	5/8	0.5	6.33	3	3.4	0.6	0.8	1.6	0.6	2.3	0.96	14.3	
34BVT	34BV	3/4	0.75	7.32	3.4	3.9	0.7	1	2	0.8	2.5	1.69	20.8	
78BVT	78BV	7/8	0.75	7.32	3.4	3.9	0.8	1	2	0.8	2.5	1.69	29.7	
118BVT	118BV	1-1/8	1	9.1	4.5	4.6	1	1.3	2.1	1.07	2.8	2.48	60	
138BVT	138BV	1-3/8	1.25	9.66	4.7	5	1	1.5	2.6	1.2	3.2	3.81	83.5	
158BVT	158BV	1-5/8	1.5	11	5.4	5.6	1	1.8	2.8	1.35	3.7	5.43	206	
218BVT	218BV	2-1/8	2	11.75	5.8	6	1.2	2.1	3.3	1.8	4.4	10.90	279	
258BVT	258BV	2-5/8	2	11.75	5.8	6	1.2	2.1	3.3	1.8	4.4	11.35	232.8	
—	318BV	3-1/8	2.5	14.68	7.2	7.4	1.2	2.7	3.8	2.3	5.3	20.51	318	



### Dimensional Drawings



Without Access Port



With Access Port

# Labels & Tags

NRP labels and tags provide an easy and accurate means of identifying recovery cylinders and their contents.

This enables the contractor and the reclaimer to quickly handle and manage refrigerant stocks for transportation, reprocessing and reuse. All labels have a self-adhesive backing.

## RECOVERED REFRIGERANT LABELS, LARGE



Meets DOT requirements for transporting refrigerants. All recovered refrigerant labels are designated with color code and shipping classification.

- Measures 5" x 10 1/2"
- 5 labels per pack

Part No.	Refrigerant
NL11	R11
NL12	R12
NL123	R123
NL134A	R134a
NL22	R22
NL502	R502

## RECOVERED REFRIGERANT LABELS, SMALL



- Measures 3" x 4"
- 10 labels per pack

Part No.	Refrigerant
NR11	R11
NR12	R12
NR123	R123
NR134A	R134a
NR22	R22
NR500	R500
NR502	R502

## EQUIPMENT CONTENTS LABELS



- Measures 2" x 4"
- 5 labels per pack

Part No.	Refrigerant
NRE134A	R134a
NRE23	R23
NRE401A	R401A
NRE401B	R401B
NRE402A	R402A
NRE402B	R402B
NRE404A	R404A
NRE406A	R406A
NRE407A	R407A
NRE407B	R407B
NRE408A	R408A
NRE409A	R409A
NRE410A	R410A
NRE422D	R422D
NRE507	R507

## REFRIGERANT CYLINDER TAG



Wire tie for fastening to valve collar. For shipping R-12, R-22, R-114, R-500 and R-502.

- Measures 4" x 9"
- 5 tags per pack

Part No.	Description
NRT	Shipping Tag

## CERTIFICATE OF REMOVAL LABEL



To identify that the refrigerant has been properly removed from a cooling unit, for disposal, in accordance with the 1990 Clean Air Act amendment requirements.

- Measures 3" x 4"
- 10 labels per pack

Part No.	Description
NL1	Certificate of Removal