



HEAVY-DUTY  
REPLACEMENT PRODUCTS:  
Air Springs, Tensioners, Belts and Hose

**GOODYEAR**  
ENGINEERED PRODUCTS

**GOODYEAR**  
RUBBER PRODUCTS INC.

Call Toll Free: **1-866-711-4673**  
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World Wide**

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## Super-Cushion®

### AIR SPRINGS FOR TRUCKS, TRAILERS AND BUSES

Give your trucks, trailers and buses a new high in productivity and longer life with Super-Cushion® air springs. They offer a quiet, cushioned ride and greater comfort, which allows the driver to stay more alert and less fatigued. Truck, trailer and bus bodies last longer because there is less vibration than experienced with steel springs. Plus, cargo has better protection from shock and vibration.

When used with leveling valves, Super-Cushion® air springs maintain consistent trim regardless of the load. That means clearance heights remain constant, and trailer floors are flush with loading dock floors. Whenever you want to add an axle, Super-Cushion® air springs fit right in.

Choose Goodyear Engineered Products Super-Cushion® air springs for driver comfort, load cushioning, and longer life for your trucks, trailers, buses, and cab and seat springs.



## Air Suspension Features and Benefits

### A greater level of isolation:

- Reduces cab and body damage
- Reduces downtime, driver fatigue, and extends trailer life

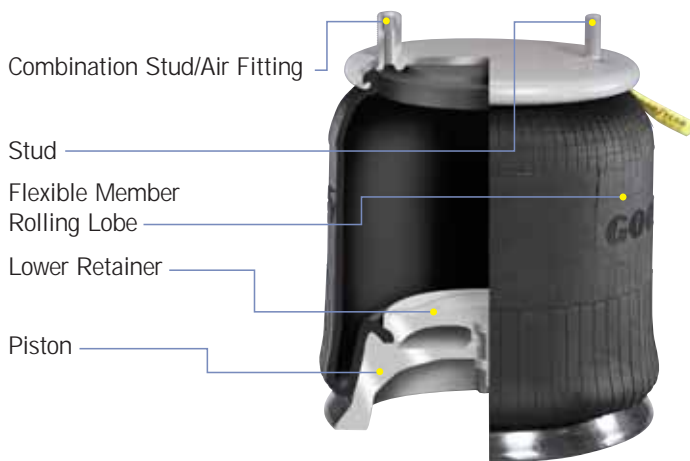
### For the owner-operator, air suspension:

- Improves isolation in both loaded and unloaded conditions
- Broadens types of load available for transport
- Provides greater driver comfort
- Increases resale value

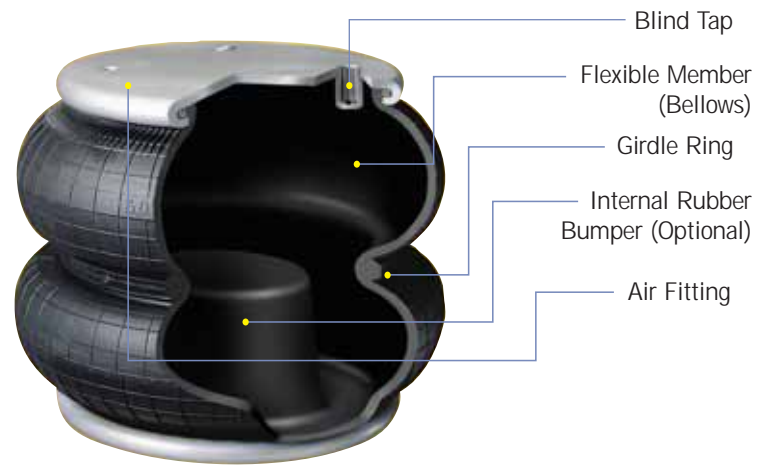
### Reasons for increased air suspension usage:

- Suspension manufacturers have built in a greater degree of durability and longer warranty periods
- Increased need for greater axle excursion

## Components of Goodyear Engineered Products Super-Cushion® Air Springs



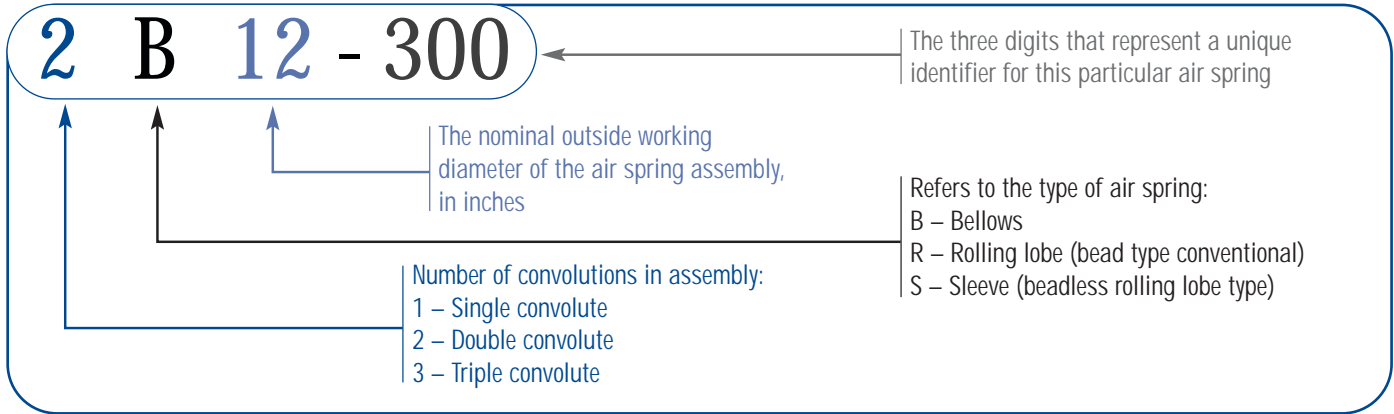
**Rolling Lobe Air Spring  
(1R - Design)**



**Double Convolution Air Spring  
(2B Design)**

## Product Identification System

Elements of the part identification system are shown in the following example for ordering an assembly with the part number 2B12-300.



## How to Identify an Air Spring

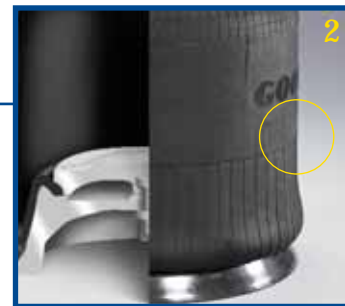
### Step 1

The original equipment or aftermarket number is affixed to the top plate of the air spring assembly. Then just double-check the product photo in the main body of the Goodyear Engineered Products catalog. **If this number is unknown due to wear on the sticker or other reasons, refer to steps 2 through 6.**



### Step 2

Begin your search with the flexible members number, which is molded into the rubber part of the air spring. Now you can narrow down the choices in the Flexible Members Index section of catalog #719-99.



### Step 3

Measure the width of the top plate, making a note of the bolt pattern or taps.



### Step 4

Measure the width of the piston or bottom bead plate, making a note of the bolt pattern or taps. Be sure to note how the bolt pattern is oriented compared to the bolt on the top plate (incline or rotated). This is how the catalog illustrations are drawn.



### Step 5

Compress the bag as far as possible with no air pressure and measure from the bead plate to the bottom of the piston. This is known as the compressed or minimum height. This will help determine if there is an internal bumper.



### Step 6

Measure the distance from center to center of each bolt on the top and bottom of the air spring.



You now have the information you need. Compare your data with the narrowed down list of air springs you found via the flexible member or bellows number. Then proceed to the photo section of catalog #719-99.

If you have an O.E. number or a Firestone number, look in the cross-reference section in the back of catalog #719-99.

# Gatorback® Poly-V® Belts | Designed for Quiet Performance, Constructed for High Efficiency

## QUIET CHANNEL TECHNOLOGY™

Goodyear Engineered Products' unique staggered-cog profile and advanced rubber compounds virtually eliminate the chirps, squeaks and squeals associated with typical pulley misalignment.

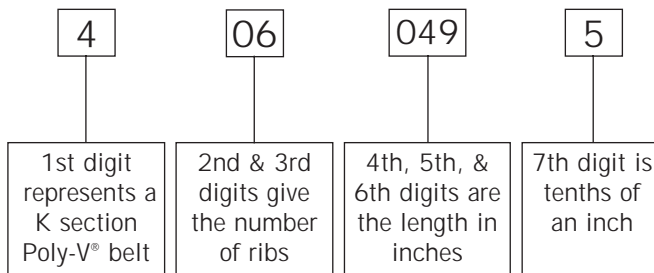
## GREATER WEAR RESISTANCE

High-strength tension members are specially treated to maintain tension, resulting in controlled elongation.

## EXCEPTIONAL BELT LIFE

The same advanced technology that allows the Gatorback® to run so quietly also makes it more flexible and allows it to run cooler - resulting in a belt that lasts considerably longer than comparable belts.

## FUNCTIONAL PART NUMBER GIVES YOU THE BELT SIZE



Part number 4060495 would be a K section Poly-V®, six ribs wide, with a length of 49 and 5/10 inches.





## Gatorback® V-Belts



### HIGH-STRENGTH TENSION MEMBERS

High-strength tension members resist shockload failure. Their low elongation properties assure uniform performances over the life of the belt.

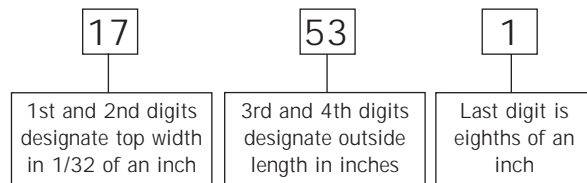
### TOUGH, SYNTHETIC COGS

Fiber-reinforced, rubber helical cogs offer greater flexibility that reduces cracking and fatigue in the cushion section.

### FULL V DESIGN

Rubber edges maintain positive, no-slip contact with pulley grooves for reliable energy transfer.

### FUNCTIONAL PART NUMBER GIVES YOU THE BELT SIZE



Part number 17531 is a V-belt with a top width of 17/32 inch and a length of 53 1/8 inches.

NASCAR® and NASCAR Performance® are registered trademarks of the National Association for Stock Car Auto Racing, Inc.

## Hi-Miler® Truck Belts

### FEATURING:

[Heat-Resistant Square Woven Fabric](#) - Reduces surface fatigue and resists cracking and heat.

[High-Strength Cable Cords](#) - Tension members provide great strength and low elongation. Balanced design distributes the load equally.

[Reinforced Insulation](#) - Fiber-reinforced, high-quality synthetic rubber insulation around cords provides greater strength and support to each tensile cord member.

[Reinforced Cushion Section](#) - Heat-resistant, high-grade synthetic rubber compression section is fiber-loaded to provide balanced support for the load-carrying tensile cords.

[Two Plies of Fabric](#) - High-quality plies of fabric provide increased transverse rigidity to resist dishing or sagging under higher tensions and provide better performance.

[Molded Cog Construction](#) - Precision-molded cogs deliver improved flexibility over small, high-speed pulleys and allow for cooler running belts.

[MatchMaker®](#) - Goodyear Engineered Products MatchMaker® belts are manufactured with precise tolerances and exacting quality.



### TRUCK REFRIGERATION BELTS

These main drive belts for truck refrigeration units are especially designed for long life on mule drives and backside idler drives. Our premium, rubber-impregnated fabric resists heat and wear. High-strength Vytacord® tension members improve flex life, eliminate excess elongation, and increase resistance to shock loads. Cushion section is made of Goodyear EP's premium rubber to resist heat. Accessory drives also found in the refrigeration units are driven by hex belts, Torque Flex® belts and Insta-Power® belts.



### TORQUE TEAM® TRUCK BELTS

Designed For Specific Original Equipment Applications

These banded or joined drive belts supplement the Hi-Miler® Truck Belt line to provide full coverage for specific applications. Goodyear EP's high-quality standards provide maximum performance and belt life.

## MatchMaker® V-Belts

### REDUCE INVENTORY INVESTMENT!

Our innovation and leadership in belt design and manufacturing permit Goodyear Engineered Products to build belts to more precise tolerances. Goodyear EP belts meet the requirements of many multiple belt applications.

### REDUCE LOST ORDERS!

When MatchMaker® belts are available right from stock, you reduce the likelihood of losing an order simply because you can't obtain the right set of matched belts as needed.

### IMPROVE SERVICE!

Your customers will appreciate the quick, dependable service that you will be able to provide when MatchMaker® belts are available from local stock. Improved customer service means more business!

### INCREASE RETURN ON INVESTMENT!

Reduced inventories, increased sales and simpler procedures mean that you can expect to receive a better return on your belt investment.

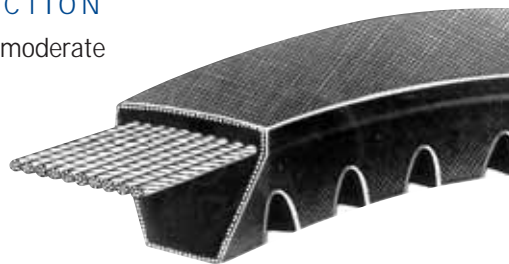
### HY-T® MATCHMAKER® V-BELTS - A, B, C SECTIONS

HY-T® V-belts are built with strong, continuous, specially treated tension members. Belts are dimensionally stable so they stay matched in a variety of applications. HY-T® belts are flexible, cool-running and heat-resistant and are static-conducting for long, reliable service.



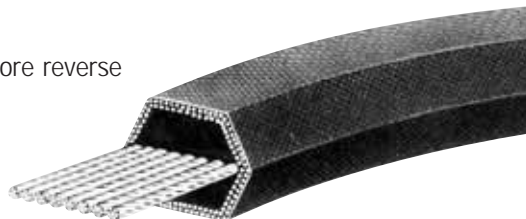
### HY-T® WEDGE MATCHMAKER® BELTS - 3VX CROSS SECTION

The 3VX HY-T® Wedge MatchMaker® belt is designed for use on drives with moderate horsepower, small diameter sheaves and short centers. Molded cog notches vulcanized into the belt provide maximum flexibility and heat dissipation. Premium fiber-reinforced rubber provides excellent tensile cord support for longer life and better performance.



### HEX BELTS - AA, BB SECTIONS

Hex Belts, or Double V-belts, are designed for use on drives with one or more reverse bends and usually transmit power from both sides of the belt. Belts are static-conducting and built with Compass® cord construction.



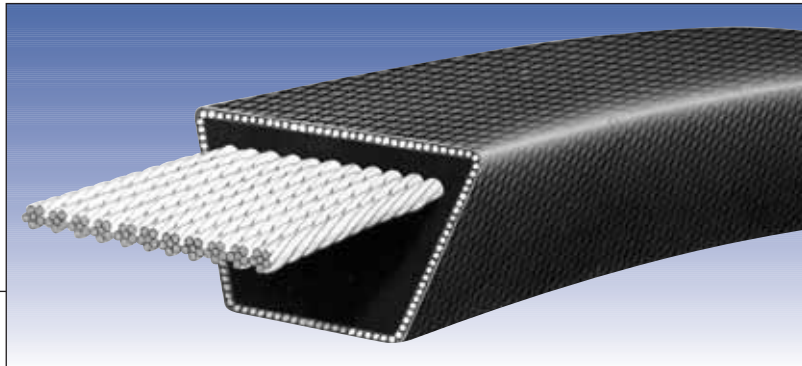
## Insta-Power® Green Seal Belts

For Lawn and Garden Equipment and Other Demanding Power Drive Applications

### BUILT FOR STRENGTH AND ENDURANCE

Every element of the Insta-Power® V-belt is designed to deliver premium, long-life performance in demanding outdoor power equipment service. They are engineered to withstand the abuse of repeated sudden shock loads, tolerate high ambient temperatures, and resist the damaging effects of dust.

- High horsepower (Up to 20 Hp)
- Reverse bend idlers
- Misaligned or quarter-turn and mule drives
- Sudden shock loads
- High ambient temperatures
- Exposure to dust



### 1. WEAR-RESISTANT EXTERNAL FABRIC

The fabric cover on Insta-Power® V-belts is impregnated with Goodyear Engineered Products premium synthetic rubber compound for high wear and abrasion resistance. It also resists drying and cracking, even at high temperatures.

### 2. CUSHION SECTION COMPOUNDED TO HANDLE HIGH STRESS

The cushion portion of the Insta-Power® V-belt is specially compounded to provide the excellent flexibility and cord support required for a wide variety of high-stress drive applications.

### 3. HIGH-STRENGTH TENSION MEMBERS

The load carrying tension members are high-strength Flexten® cords with proven reliability in lawn and garden equipment applications.

### 4. STATIC CONDUCTING FOR ADDED SAFETY

The rubber compounds used in Insta-Power® V-belts are static conducting. That means added safety for the operator and long life for the belt.

### 5. BRANDED WITH INSTA-POWER®, CLASSICAL AND FHP PART NUMBERS FOR MULTIPLE APPLICATIONS AND SALES OPPORTUNITIES

#### TYPICAL APPLICATIONS:

- Power Mowers
- Rigging Mowers and Garden Tractors
- Tillers
- Snow Throwers

*Get the long-lasting power your lawn and garden equipment needs. Insist on Insta-Power® Green Seal V-belts.*

## Lawn and Garden Drive Belts

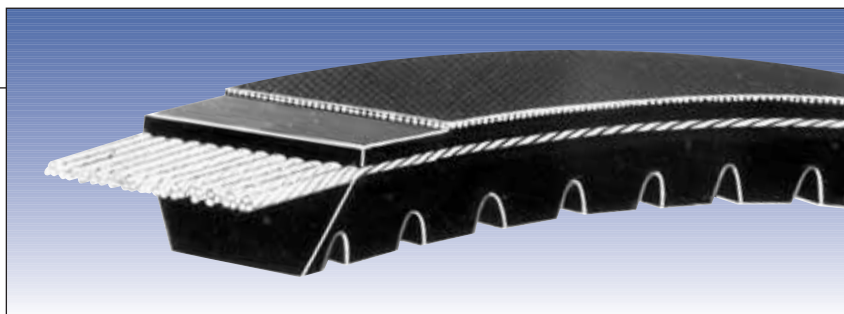
Goodyear Engineered Products 89 Series Drive Belts Are Designed For Original Equipment Lawn and Garden Applications.

These special drive belts supplement the Insta-Power® belt line to provide full coverage on popular lawn and garden applications. Goodyear EP's exacting quality standards provide maximum performance and belt life.



## FHP V-BELTS

For Light Industrial Use, Appliances, And Shop Equipment. Up to 1 Hp.



### FEATURES THAT MEAN LONGER SERVICE... LOWER COSTS

**FLEXIBLE** - Molded-cog design for improved flexibility. This feature is especially important on small pulley drives.

**ENERGY EFFICIENT** - The cut-edge molded cog construction means improved drive efficiency and lower energy costs.

**QUIET RUNNING** - Lab tests indicate the new Goodyear EP construction is quieter running than the older envelope construction.

**LONGER LIFE** - The molded-cog construction also dissipates heat for improved life and performance.

**COMPLETE RANGE OF SIZES** - The Goodyear EP line includes a complete selection of fractional horsepower V-belts for light machinery, home appliances, shop equipment, fans and blowers.

## Gatorback® Belt Tensioners

Goodyear Engineered Products heavy-duty belt tensioners meet or exceed O.E. specifications for all major fleet manufacturers.



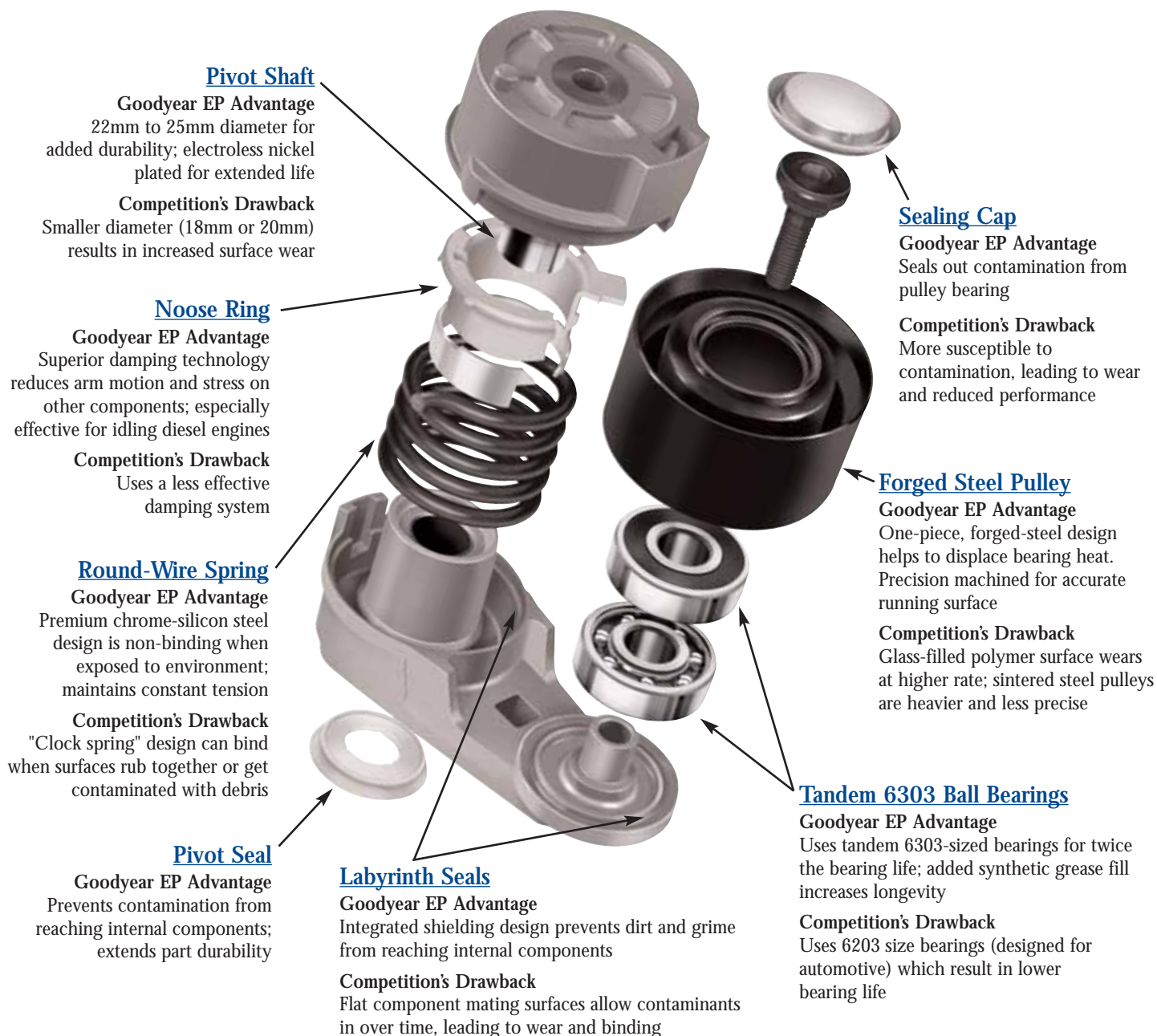
## What They Do

Automatic tensioners are typically engineered for each application so that the belt remains at nearly constant tension throughout the entire operating range. This ensures maximum accessory drive component life, while still preventing belt slip. Tensioners also help to dampen normal vibrations caused by the intermittent piston firing sequence within an engine. Our patented “noose-ring” frictional damping system helps absorb these vibrations resulting in less tensioner arm movement and belt stress. Automatic belt tensioners generally do not require service and will self-adjust for normal belt elongation. Each Gatorback® tensioner is application specific and engineered so that the belt tension, damping and amount of belt take-up are ideal for the recommended application.

## Why Goodyear EP Gatorback® Tensioners?

- Designed to meet or exceed OEM fit and performance.
- Application specific.
- Increased belt life because belt maintains ideal tension as it wears.
- Constant tension is maintained throughout the entire operating range.
- Round, torsion-spring technology instead of a flat-spring due to inherent corrosion protection.

## Belt Tensioner Parts and Function



### Warning

Under no circumstances should a tensioner assembly be opened to attempt repair of internal parts as the spring is powerful and preloaded and may cause serious injury. Always replace a worn tensioner assembly with a new assembly, as there are no serviceable internal parts. The only part that may be replaced is the pulley.

# Hydraulic Hose Assembly Systems

THAT PERFORM

## GOODYEAR EP HYDRAULIC HOSE AND FITTINGS

One **SOURCE** provides the hose and fittings that meet global performance standards including SAE, DIN, JIS, USCG and ABS.



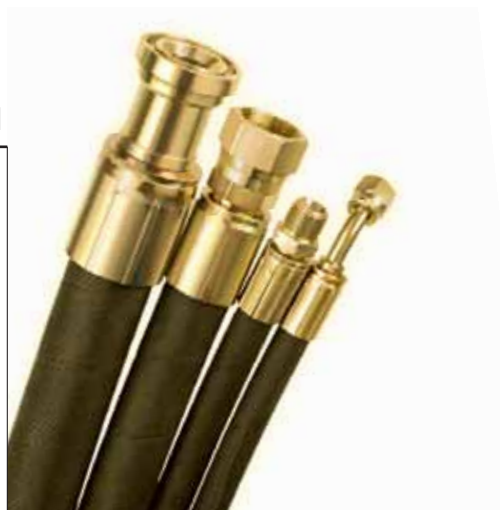
## GOODYEAR EP HYDRAULIC EQUIPMENT

One **SYSTEM** includes a broad selection of hydraulic assembly equipment.



## PERMA-CRIMP™ SYSTEM

One **SOLUTION** that produces a high-quality, reliable hydraulic hose assembly.





## KEY FEATURES

### Fleet Applications

- GR5 (SAE 100R5).
- HR5 (high temperature service).
- GUT (SAE J1402 Type A1).
- Air Conditioning Hose.



### Teflon Hose

- 500° F high temperature intermittent service.
- Chemical resistance.
- Stainless steel braided cover.
- GR14A (SAE 100R14).



### Braided Hose

- Higher EN / DIN pressures.
- Arctic™, Desert™, Armorcoat constructions.
- GR1SN (SAE 100R1AT/1SN), Desert HR1SN (SAE 100R1AT/1SN), GR2SN (SAE 100R2AT/2SN), Desert HR2SN (SAE 100R2AT/2SN), Arctic LR2SN (SAE 100R2AT/2SN), Armorcoat CR2SN (SAE 100R2AT/2SN), GR16 (SAE 100R16), GR16SC (SAE 100R16/857 2SC), Armorcoat AR16SC (SAE 100R16/857 2SC), GR17 (SAE100 R17), Armorcoat AR17 (SAE 100R17).
- GFS (Fire Suppression SAE 100R1AT).
- GCP3 (Constant Pressure 3000, SAE 100R17).



# Goodyear Engineered Products Hydraulic Fittings

## ONE SOURCE. Many Selections.

Goodyear Engineered Products is your one source for a wide selection of high-performance hydraulic hose fittings, covering a wide range of designs, configurations, sizes and pressure ratings. Low, medium and high pressure fittings are available for braided, spiral and thermoplastic hose. Fittings include Ultra-Crimp™ (1-piece), Uni-Crimp™ (2-piece), Dual-Grip™ (2-piece), Field-Grip™ (reattachable), push-on and air conditioning. Our brand line of thread ends include SAE, NPTF, JIC, British Standard, DIN and JIS. End styles include straights, swivels, elbows and flanges. Find the fittings and threads you need from one source, from Goodyear Engineered Products.

## KEY FEATURES

### Bite-to-Wire

These one-piece crimp fittings provide maximum coupling retention on 1 and 2-braid hose as well as four and six spiral hose. Serrations penetrate the cover with a powerful bite into the wire reinforcement, resulting in even hose compression.



### No Skive

Assemblies made faster, with fewer steps and less mess.

### Full Length Crimp

Maximum coupling retention for a safe and longer lasting assembly; easier to crimp with a lower profile.

### Zinc Plating

- Offers corrosion resistance for extended hose assembly and fitting life, easily surpassing the corrosion resistance of SAE J516, ASTM B117.
- Silver Chromium 6 Free plating on Ultra-Crimp, Uni-Crimp and Dual-Grip fittings.



### Full Line of High Pressure Spiral Hose Couplings

- Code 61 and Code 62 fittings for SAE 100R12 and 100R13.
- Solid one-piece flanged fitting; no braze or weld joints.



### Field-Grip™ Fittings

- Non-skive, non-mandrel for easy installation.



### Push-On Fittings

- Fittings compatible with push-on hose, including Insta-Grip 300™, Ultra-Grip 300™ and Insta-Grip TC™.



### AC Fittings

- Cool Clip™ and Crimp fittings.



### Adapters

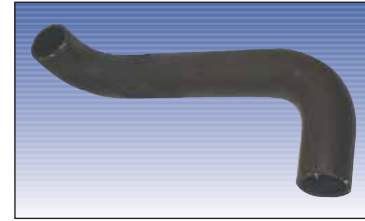
- Change existing end styles.



## MOLDED RADIATOR HOSE

Designed to transfer glycol-based coolants to and from the radiator as well as through other components in the vehicle's coolant system.

- Original configurations available to assure proper fit. See the automotive and heavy-duty truck applications guides for application and part number assistance. Or visit [goodyear.com](http://goodyear.com).
- EPDM tube and cover with synthetic knit reinforcement.
- Meets or exceeds SAE 20R4EC Class D1 specifications as well as many original equipment specifications.
- Resistant to Electrochemical Degradation (ECR).
- Compatible with most coolants including ethylene glycol and propylene glycol-based coolants, as well as organic acid modified, Long Life coolants.
- ID Range of 1" to 3" and includes intersect hose configurations.
- Temperature range of -40°F to +275°F (-40°C to +135°C).
- Not for use in fuel or oil transfer applications.



## MOLDED BY-PASS AND HEATER HOSE

Designed to transfer glycol-based coolants to and from the heater core, by-pass to the radiator, as well as through other components in the vehicle's coolant system.

- Original configurations available to assure proper fit. See the automotive and heavy-duty truck applications guides for application and part number assistance. Or visit [goodyear.com](http://goodyear.com).
- EPDM tube and cover with synthetic knit reinforcement.
- Meets or exceeds SAE 20R3EC Class D1 and Class D2 specifications as well as many original equipment specifications.
- Resistant to Electrochemical Degradation (ECR).
- Compatible with most coolants including ethylene glycol and propylene glycol-based coolants, as well as organic acid modified, Long Life coolants.
- ID Range of 1/4" to 1 3/8" and includes intersect hose configurations.
- Temperature range of -40°F to +275°F (-40°C to +135°C).
- Not for use in fuel or oil transfer applications.

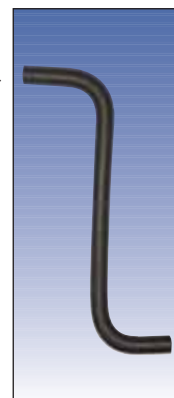


## INVENTORY-REDUCING UNIVERSAL HEATER HOSE

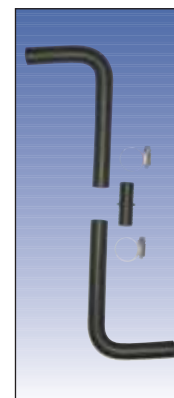
It's almost impossible to stock all the sizes and shapes of molded heater hose that are installed in today's trucks. The number is staggering, and so are the inventory headaches. Goodyear Engineered Products makes it easy (and profitable) for you to minimize the headaches with its new line of universal heater hose. You simply select two shapes that match the original hose, join them together, and you've got a hose that's as good as the original... or better!

### HOSE CONNECTORS

**64092-5/8" 64093-3/4" 64094-3/4"x 5/8"**



OE Configuration



Kit Parts



Assembled Kit

# Super Hi-Miler® Blue Hose Kits

High-Performance Blue Hose

**Application:** High-performance Super Hi-Miler® kits can be installed on the applications shown below. Kits include a variety of upper and lower radiator hoses, by-pass hoses and heater hoses. Blue Super Hi-Miler® is a high-heat resistant hose designed to provide superior performance over standard coolant hoses. Blue hose gives a custom look under the hood while providing miles of worry-free service.

## Construction

**Tube:** Black EPDM (Versigard)  
**Reinforcement:** Nomex Reinforcement  
**Cover:** Blue EPDM (Versigard)

<b>300°F</b> Hi Temp Rating	<b>Nomex</b> Reinforcement	<b>Uses</b> Standard Clamps
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**Temperature Range F & C:** -40°F to +300°F (-40°C to +150°C)

**SAE Specifications:** SAE 20R3 Class D3, SAE 20R4 Class D3

**Installation:** See selection of Goodyear Engineered Products clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

### Kit# 5001

Part Number	Description
61037HT	Upper Radiator Hose
61296HT	Lower Radiator Hose
63726HT	By-Pass Hose
63087HT	Formed Heater Hose
63137HT	Formed Heater Hose
63138HT	Formed Heater Hose

**Application:** Ford Mustang, 5.0L 1986-1993

### Kit# 5002

Part Number	Description
61331HT	Upper Radiator Hose w/TPI
61564HT	Upper Radiator Hose w/o TPI
61196HT	Lower Radiator Hose
63075HT	Formed Heater Hose
63083HT	Formed Heater Hose
63085HT (2Pcs)	Formed Heater Hose
5/8"x6'	Straight Heater Hose
3/4"x4'	Straight Heater Hose

**Application:** Chevrolet Camaro & Pontiac Firebird, 5.0L / 5.7L 1987-92

### Kit# 5003

Part Number	Description
61460HT	Upper Radiator Hose
61105HT	Lower Radiator Hose
63726HT	By-Pass Hose
63100HT	Formed Heater Hose
63101HT	Formed Heater Hose
63137HT	Formed Heater Hose
63812HT	Formed Heater Hose
5/8"x3' (2Pcs)	Straight Heater Hose
5/8"x4'	Straight Heater Hose
3/8"x3'	Straight Heater Hose

**Application:** Ford F-Series & Bronco, 5.0L, 5.8L 1988-94

### Kit# 5004

Part Number	Description
61564HT	Upper Radiator Hose
61274HT	Lower Radiator Hose
5/8" x 4'	Straight Heater Hose
3/4"x6'	Straight Heater Hose
3/4"x3'	Straight Heater Hose

**Application:** Chevrolet & GMC C & K series truck 5.0L, 5.7L 1984-1987

### Kit# 5005

Part Number	Description
61548HT	Upper Radiator Hose
62021HT	Lower Radiator Hose
63726HT	By-Pass Hose
63122HT	Formed Heater Hose
63818HT	Formed Heater Hose
63100HT	Formed Heater Hose
63086HT	Formed Heater Hose
5/8"x4'	Straight Heater Hose

**Application:** Chevrolet & GMC C & K-series truck, 5.0L, 5.7L 1988-1995

### Kit# 5006

Part Number	Description
61351HT	Upper Radiator Hose
62077HT	Lower Radiator Hose
63492HT	Formed Heater Hose
63301HT	Formed Heater Hose
63101HT	Formed Heater Hose
63496HT	Formed Heater Hose
63906HT	Formed Heater Hose
63806HT	Formed Heater Hose
63490HT	Formed Heater Hose
63491HT	Formed Heater Hose
5/8"x1'	Straight Heater Hose

**Application:** Chevrolet Camaro & Pontiac Firebird, 5.7L 1995-1997

### Kit# 5007

Part Number	Description
62223HT	Upper Radiator Hose
62052HT	Lower Radiator Hose
63494HT	Formed Heater Hose
63495HT	Formed Heater Hose
63496HT	Formed Heater Hose
63819HT (2Pcs)	Formed Heater Hose
3/8"x5'	Straight Heater Hose

**Application:** Chevrolet Impala SS, 5.7L 1994-1996

### Kit# 5008

Part Number	Description
61491HT	Upper Radiator Hose
61349HT	Lower Radiator Hose
61572HT	Lower w/Performance Pkg
63251HT	Formed Heater Hose
63100HT	Formed Heater Hose
5/8"x2'	Straight Heater Hose
3/4"x2-1/2'	Straight Heater Hose

**Application:** Chevrolet Corvette, 5.7L 1985-1989 (will not fit ZR-1)

### Kit# 5009

Part Number	Description
61613HT	Upper Radiator Hose
61417HT	Lower Radiator Hose
63174HT	Formed Heater Hose
63175HT	Formed Heater Hose
5/8"x1'	Straight Heater Hose

**Application:** Ford Ranger, 4.0L 1990-1994

### Kit# 5010

Part Number	Description
61503HT	Upper Radiator Hose (VIN W Eng)
62041HT	Upper Radiator Hose (VIN Z Eng)
61502HT	Lower Radiator Hose
63105HT	Formed Heater Hose
63223HT	Formed Heater Hose
5/8"x3'	Straight Heater Hose
3/4"x6'	Straight Heater Hose

**Application:** Chevrolet & GMC S-10 & S-15 4.3L 1988-1995

### Kit# 5011

Part Number	Description
61564HT	Upper Radiator Hose
61196HT	Lower Radiator Hose
63100HT	By-Pass Hose
65032 (5/8"x3')	Straight Heater Hose
65034 (3/4"x3-1/2')	Straight Heater Hose

**Application:** Chevrolet Monte Carlo SS 5.0L 1982-88 & Pontiac Grand Prix 5.0L 1983-1987

### Kit# 5012

Part Number	Description
62149HT	Upper Radiator Hose
62150HT	Lower Radiator Hose
63726HT	By-Pass Hose
63497HT	Formed Heater Hose
63498HT	Formed Heater Hose
63912HT	Formed Heater Hose

**Application:** Ford Mustang 5.0L 1994-1995 (Except COBRA)

### Kit# 5013

Part Number	Description
60686HT	Upper Radiator Hose
60620HT	Lower Radiator Hose
63641HT	By-Pass Hose (Early 302)
63726HT	By-Pass Hose (Late 302 & All 351)
65032 (5/8"x4')(2Pcs)	Straight Heater Hose(2Pcs)

**Application:** Ford Mustang 289, 302 & 351 V-8 Engine 1964-1969

### Kit# 5014

Part Number	Description
61037HT	Upper Radiator Hose
61296HT	Lower Radiator Hose
63726HT	By-Pass Hose
63087HT	Formed Heater Hose
65032 (5/8"x4')	Straight Heater Hose

**Application:** Ford Mustang 5.0L 1979-1985

### Kit# 5016

Part Number	Description
62110HT	Upper Radiator Hose
62187HT	Lower Radiator Hose
63350HT	Formed Heater Hose
63351HT	Formed Heater Hose

**Application:** Ford Mustang 4.6L 1996-2001

### Kit# 5017

Part Number	Description
62312HT	Upper Radiator Hose
62313HT	Lower Radiator Hose
63352HT	Formed Heater Hose
63353HT	Formed Heater Hose

**Application:** Chrysler PT Cruiser 2.4L 2001-2005

### Kit# 5018

Part Number	Description
62379HT	Upper Radiator Hose
62313HT	Lower Radiator Hose
63352HT	Formed Heater Hose
63353HT	Formed Heater Hose

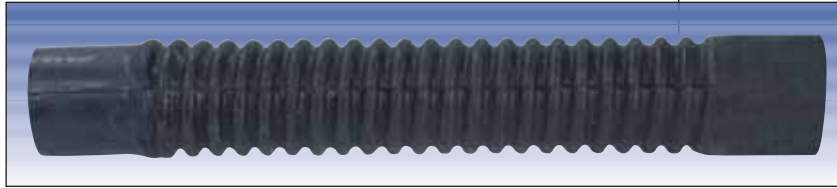
**Application:** Chrysler PT Cruiser 2.4L Turbo 2004-2005

### Kit# 5019

Part Number	Description
62380HT	Upper Radiator Hose
62381HT	Lower Radiator Hose
63965HT	Formed Heater Hose
63966HT	Formed Heater Hose

**Application:** Dodge SRT-4 2.4L 2003-2005

## Flexible Radiator Hose



**Application:** Designed for radiator hose applications where a molded radiator hose is not available. Flexible radiator hose has a corrugated cover that easily bends to replicate the original equipment coolant hose. Flexible radiator hose maintains full flow and resists collapse with a wire insert. Hose is designed to be used with automotive coolants.

### Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** Synthetic Knit Reinforcement

**Cover:** Black Versigard (EPDM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** SAE J20R5 D1

**Working Pressure:** 40 PSI ( 1 1/4" to 1 3/4" ID) to 30 PSI ( 2" to 2 1/2" ID)

**Installation:** See selection of Goodyear Engineered Products clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	Flex Hose Size	Part Number	Flex Hose Size	Part Number	Flex Hose Size
52007	1 1/4" x 7 3/8"	52418	1 1/2" x 16 5/16" x 1 3/4"	52823	1 3/4" x 23 1/2"
52010	1 1/4" x 9 5/8"	52419	1 1/2" x 19 13/16"	53209	2" x 9 1/2"
52011	1 1/4" x 11"	52420	1 1/2" x 19 1/2" x 1 3/4"	53212	2" x 12 1/4"
52015	1 1/4" x 14 3/4"	52422	1 1/2" x 22"	53214	2" x 14 1/4"
52016	1 1/4" x 15 1/2" x 1 1/2"	52423	1 1/2" x 22 1/2" x 1 3/4"	53216	2" x 16 13/16"
52017	1 1/4" x 17"	52425	1 1/2" x 25"	53220	2" x 20"
52020	1 1/4" x 19 9/16" x 1 1/2"	52430	1 1/2" x 30"	53224	2" x 24"
52021	1 1/4" x 20"	52808	1 3/4" x 8 5/8"	53609	2 1/4" x 9"
52023	1 1/4" x 23"	52810	1 3/4" x 10"	53611	2 1/4" x 11"
52407	1 1/2" x 7 9/16"	52811	1 3/4" x 11 3/16"	53614	2 1/4" x 14"
52409	1 1/2" x 9"	52812	1 3/4" x 12 1/4" x 2"	53617	2 1/4" x 17"
52410	1 1/2" x 10 11/16"	52813	1 3/4" x 13 1/4"	53619	2 1/4" x 19"
52412	1 1/2" x 12 3/16"	52814	1 3/4" x 14 1/4" x 2"	54016	2 1/2" x 16"
52413	1 1/2" x 13 3/4"	52816	1 3/4" x 16 5/16"	54024	2 1/2" x 24"
52414	1 1/2" x 13 1/4" x 1 3/4"	52817	1 3/4" x 16 11/16" x 2"	55090	90 Degree 3x16 7/8" x 1 1/2" ID
52415	1 1/2" x 15 3/4"	52818	1 3/4" x 18 13/16"	55091	90 Degree 3x22 7/8" x 1 1/2" ID
52416	1 1/2" x 17 1/16"	52819	1 3/4" x 19" x 2"	55092	90 Degree 3x20 1/2" x 1 1/2" ID
52417	1 1/2" x 15 5/8" x 1 3/4"				

## RADIATOR HOSE REDUCERS



Rubber reducers that are inserted into the inside of a radiator hose to reduce the ID of the hose for a proper fit to the connection. Flange of reducer will prevent slippage into hose. Use standard worm gear clamps for a leak free connection. Makes any stock hose into a "Dual ID" hose. Packaged in a box of 6 pieces.

### REDUCERS FOR STRAIGHT/FLEXIBLE RADIATOR HOSE

Part No.	Fits into Hose ID(in.)	ID Reduction(in.)
58981	1 1/2"	1 1/4"
58982	1 3/4"	1 1/2"
58983	2"	1 3/4"
58984	2 1/4"	2"
58985	2 1/2"	2 1/4"
58986	3"	2 1/2"

# Hi-Miler® Straight Radiator Hose



**Application:** Designed for heavy-duty and fleet service on trucks, buses and off-road equipment. Designed for common coolants and straight radiator connections where higher heat resistance and longer life is desired.

## Construction

**Tube:** Black Versigard (EPDM)  
**Reinforcement:** 2-ply Flexten (Kevlar)  
**Cover:** Blue Versigard (EPDM) wrapped finish



**Temperature Range F & C:** -40°F to +300°F (-40°C to +149°C)

**SAE Specifications:** SAE 20R1 D1 Standard Wall

**Goodyear Engineered Products Specifications:** 542954,541954

**Length:** 3 feet

**Brand Layline:** Goodyear HI-MILER® Std Rad Hose, ID, P/N, Flexten, SAE 20R1 D1.

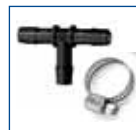
**Installation:** See selection of Goodyear EP clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
57214	7/8	1 15/16	3	150	0.32
57216	1	1 23/64	3	150	0.36
57218	1 1/8	1 1/2	3	150	0.40
57220	1 1/4	1 5/8	3	150	0.44
57222	1 3/8	1 47/64	3	150	0.47
57224	1 1/2	1 55/64	3	150	0.51
57226	1 5/8	2	3	150	0.55
57228	1 3/4	2 9/64	3	150	0.59
57230	1 7/8	2 1/4	3	150	0.63
57232	2	2 3/8	3	150	0.66
57234	2 1/8	2 1/2	3	125	0.70
57236	2 1/4	2 5/8	3	125	0.74
57238	2 3/8	2 3/4	3	125	0.78
57240	2 1/2	2 7/8	3	125	0.81
57242	2 5/8	3	3	125	0.85
57244	2 3/4	3 1/8	3	125	0.89
57246	2 7/8	3 1/4	3	125	0.93
57248	3	3 23/64	3	125	0.96
57252	3 1/4	3 41/64	3	125	1.04
57256	3 1/2	3 29/32	3	125	1.12
57260	3 3/4	4 9/64	3	125	1.19
57264	4	4 3/8	3	100	1.27
57272	4 1/2	4 7/8	3	75	1.42
57280	5	5 3/8	3	75	1.57



For hose reducers see page 20.



For clamps and connectors see pages 46 - 47.

# Heavy-Duty Straight Radiator Hose



**Application:** Designed with an extra heavy carcass to be used for automotive coolants and straight connections under severe conditions most likely seen with construction and off-road vehicle applications.

## Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 4-ply synthetic

**Cover:** Black Versigard (EPDM) wrapped finish

**Temperature Range F & C:** -40°F to +260°F (-40°C to +125°C)

**SAE Specifications:** SAE 20R1 D1

**Goodyear Engineered Products Specifications:** 542957

**Length:** 3 feet

**Brand Layline:** Goodyear HD Rad Hose, ID, P/N, SAE 20R1 D1.

**Installation:** See selection of Goodyear EP clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Weight(lbs./ft.)
57016	1	1 33/64	3	150	0.53
57018	1 1/8	1 21/32	3	150	0.59
57020	1 1/4	1 25/64	3	150	0.64
57024	1 1/2	2 1/64	3	150	0.74
57028	1 3/4	2 19/64	3	150	0.86
57032	2	2 17/32	3	150	0.96
57036	2 1/4	2 25/32	3	100	1.06
57040	2 1/2	3 1/32	3	100	1.16
57044	2 3/4	3 9/32	3	100	1.27
57048	3	3 33/64	3	100	1.37
57056	3 1/2	4 1/16	3	100	1.60



For hose reducers see page 20.



For clamps and connectors see pages 46 - 47.



# Standard Straight Radiator Hose



**Application:** Designed for common coolants and straight, coolant connections in automotive and industrial applications.

## Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 2-ply synthetic

**Cover:** Black Versigard (EPDM) wrapped finish

**Temperature Range F & C:** -40°F to +260°F (-40°C to +125°C)

**SAE Specifications:** SAE 20R1 D1 Standard Wall

**Goodyear Engineered Products Specifications:** 542956

**Length:** 3 feet

**Brand Layline:** Goodyear Std Rad Hose, ID, P/N, SAE 20R1 D1.

**Installation:** See selection of Goodyear EP clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Weight(lbs./ft.)
56008	1/2	57/64	3	150	0.22
56012	3/4	1 1/8	3	150	0.29
56014	7/8	1 1/4	3	150	0.33
56016	1	1 3/8	3	150	0.37
56018	1 1/8	1 33/64	3	150	0.41
56020	1 1/4	1 41/64	3	150	0.45
56021	1 5/16	1 45/64	3	150	0.47
56022	1 3/8	1 3/4	3	150	0.48
56024	1 1/2	1 7/8	3	150	0.52
56026	1 5/8	2 1/64	3	150	0.56
56028	1 3/4	2 5/32	3	150	0.61
56030	1 7/8	2 17/64	3	150	0.64
56032	2	2 25/64	3	150	0.68
56034	2 1/8	2 17/32	3	100	0.72
56036	2 1/4	2 41/64	3	100	0.76
56038	2 3/8	2 49/64	3	100	0.80
56040	2 1/2	2 57/64	3	75	0.83
56042	2 5/8	3 1/32	3	75	0.88
56044	2 3/4	3 9/64	3	75	0.91
56046	2 7/8	3 17/64	3	75	0.95
56048	3	3-3/8	3	50	0.99
56052	3 1/4	3 21/32	3	50	1.07
56056	3 1/2	3 59/64	3	50	1.15
56060	3 3/4	4 5/32	3	50	1.22
56064	4	4 13/32	3	50	1.30



For hose reducers  
see page 20.



For clamps and connectors  
see pages 46 - 47.

## Wire-Reinforced Radiator Hose



**Application:** Designed with enhanced flexibility in “straight” coolant connection applications. A helical steel wire prevents hose collapse under vacuum situations.

### Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 2-ply synthetic with helix wire

**Cover:** Black Versigard (EPDM) wrapped finish

**Temperature Range F & C:** -40°F to +260°F (-40°C to +125°C)

**SAE Specifications:** SAE J20 R2 D1

**Goodyear Engineered Products Specifications:** 542988 542989

**Length:** See table below.

**Brand Layline:** Goodyear HI-MILER® Wire Inserted, SAE 20R2 D1, P/N, ID.

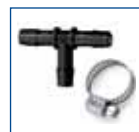
**Installation:** See selection of Goodyear EP clamps and connectors

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Min Bend Radius(in.)	Vacuum HG(in.)	Weight (lbs./ft.)
58108	1/2	61/64	10	100	1.5	25	0.31
58110	5/8	1 1/16	10	100	1.8	25	0.34
58112	3/4	1 3/16	10	100	2.3	25	0.39
58016	1	1 7/16	4	100	3.0	25	0.51
58018	1 1/8	1 37/64	4	100	3.4	25	0.57
58020	1 1/4	1 45/64	4	100	3.8	25	0.62
58024	1 1/2	1 15/16	4	100	4.5	25	0.73
58028	1 3/4	2 7/32	4	100	5.3	25	0.87
58032	2	2 29/64	4	100	6.0	25	0.97
58036	2 1/4	2 45/64	4	75	6.8	25	1.08
58040	2 1/2	2 61/64	4	75	7.5	25	1.22
58044	2 3/4	3 13/64	4	75	8.0	25	1.34
58048	3	3 7/16	4	50	9.0	25	1.44



For hose reducers  
see page 20.



For clamps and connectors  
see pages 46 - 47.

# Hi-Miler® Blue Heater Hose



**Application:** Designed for heater hose applications that endure higher underhood temperatures and require a higher heat resistance.

## Construction

**Tube:** Black Versigard (EPDM)  
**Reinforcement:** 2-Spiral Flexten (Aramid)  
**Cover:** Blue Versigard (EPDM)

**300°F**  
Hi Temp  
Rating

**Flexten**  
Reinforcement

**Uses**  
Standard  
Clamps

**Temperature Range F & C:** -40°F to +300°F (-40°C to +149°C)

**SAE Specifications:** SAE 20R3 Class D3 HT EC

**Goodyear Engineered Products Specifications:** 580015

**Length:** See table below. 6' (bag), 50' (carton), 250' (reel)

**Brand Layline:** HI-MILER® Heater Hose 5/8" (15.9MM) SAE J20R3-HT-D3-EC Made in USA Goodyear.

**Installation:** See selection of Goodyear EP clamps and connectors, and Goodyear EP's E-Z Coil™

**WARNING:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Burst Pressure (PSI)	Weight (lbs./ft.)
65027	5/16	0.59	50	250	0.11
65028	3/8	0.69	50	250	0.15
65029	1/2	0.81	50	250	0.17
65030	1/2	0.81	250	250	0.17
65073	1/2	0.81	6	250	0.17
65031	5/8	0.94	50	250	0.21
65032	5/8	0.94	250	250	0.21
65074	5/8	0.94	6	250	0.21
65033	3/4	1.07	50	200	0.24
65034	3/4	1.07	250	200	0.24
65075	3/4	1.07	6	200	0.24
65035	1	1.34	50	175	0.36
65036	1	1.34	250	175	0.36
65037	1 1/4	1.65	50	175	0.50
65038	1 1/4	1.65	100	175	0.50



For clamps and connectors see pages 46 - 47.



See Goodyear EP's E-Z Coil™ on page 28.

# Hy-T® Red Heater Hose



**Application:** Designed for heater hose applications with resistance to high underhood temperatures.

## Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Red Versigard (EPDM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** Similar to SAE J20R3

**Goodyear Engineered Products Specifications:** 580002

**Length:** See table below. 6' (bag), 50' (carton), 250' (reel)

**Brand Layline:** Hy-T® Heater Hose 5/8" (15.9mm) SAE J20R3

Made in USA by Goodyear Engineered Products.

**Installation:** See selection of Goodyear EP clamps and connectors, and Goodyear EP's E-Z Coil™

**WARNING:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Burst Pressure(PSI)	Weight (lbs./ft.)
65015	5/16	0.63	50	250	0.15
65017	3/8	0.69	50	250	0.16
65070	1/2	0.81	6	250	0.19
65020	1/2	0.81	50	250	0.19
65019	1/2	0.81	250	250	0.19
65071	5/8	0.94	6	250	0.24
65023	5/8	0.94	50	250	0.24
65025	5/8	0.94	250	250	0.24
65072	3/4	1.07	6	200	0.27
65026	3/4	1.07	50	200	0.27
65021	3/4	1.07	250	200	0.27



For clamps and connectors see pages 46 - 47.



See Goodyear EP's E-Z Coil™ on page 28.

# Hy-T<sup>®</sup> Black Heater Hose



**Application:** Designed for heater hose applications where resistance to antifreeze coolants and underhood temperatures are required.

## Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Black Versigard (EPDM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** Similar to SAEJ20R3

**Goodyear Engineered Products Specifications:** 580001

**Length:** See table below. 6' (bag), 50' (carton), 250' (reel)

**Brand Layline:** HY-T<sup>®</sup> Heater Hose 5/8"(15.9MM) Made in USA Goodyear.

**Installation:** See selection of Goodyear EP clamps and connectors, and Goodyear EP's E-Z Coil™

**Warning:** Do not use for fuel or oil transfer applications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Burst Pressure(PSI)	Weight (lbs./ft.)
64995	5/16	0.63	50	250	0.14
64997	3/8	0.69	50	250	0.16
65070	1/2	0.77	6	250	0.17
65000	1/2	0.77	50	250	0.17
65018	1/2	0.77	250	250	0.17
65071	5/8	0.91	6	250	0.20
65004	5/8	0.91	50	250	0.20
65005	5/8	0.91	250	250	0.20
65072	3/4	1.05	6	200	0.24
65009	3/4	1.05	50	200	0.24
65010	3/4	1.05	250	200	0.24
65012	1	1.34	50	175	0.37

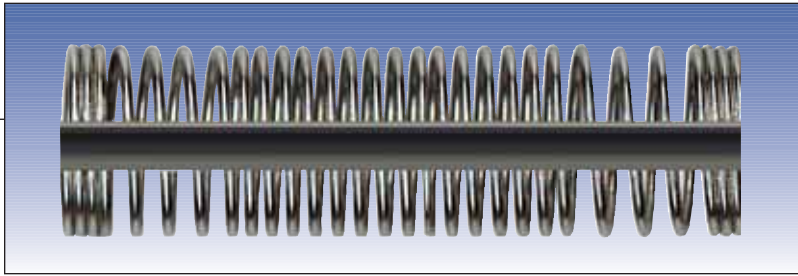


For clamps and connectors see pages 46 - 47.



See Goodyear EP's E-Z Coil™ on page 28.

# E-Z Coil™



- Replaces Molded Heater Hose
- Replaces 200+ Heater Hose SKU's, with more than 26,000 applications
- For 1/2", 5/8" and 3/4" Heater Hose
- No Waiting for Parts Delivery
- Minimizes Lost Sales
- Easy Assembly and Installation
- Maintains a Consistent ID through a 90° bend



Sold at retail as individually packaged coils.

- GY12UBP 1/2" E-Z Coil
- GY58UBP 5/8" E-Z Coil
- GY34UBP 3/4" E-Z Coil



## E-Z Shape

- GY120236 1/2" E-Z Coil with 36" Black Heater Hose
- GY580236 5/8" E-Z Coil with 36" Black Heater Hose
- GY340236 3/4" E-Z Coil with 36" Black Heater Hose



## Display Packaging (Quantity of 12)

- GY12BX 1/2" E-Z Coil
- GY58BX 5/8" E-Z Coil
- GY34BX 3/4" E-Z Coil



# Fuel Line / PCV / Emission Control Hose SAE 30R7



**Application:** A multipurpose fuel hose that can be used as a fuel line, PCV connection, emission control line or fuel return line.

**Specific Fuel:** Leaded and unleaded gasoline, diesel fuel, gasoline blends of ethanol (E-10), E85 and sour gas.

## Construction

**Tube:** Black Chemigum (NBR)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Black Hypalon\* (CSM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** SAE J30R7

**Goodyear Engineered Products Specifications:** 580019

**Length:** See table below. 1.6' (clamshell), 2' (clamshell), 25' (spool), 50' (carton), 250' (reel)

**Brand Layline:** 5/16" (7.9mm) 50 psi Fuel/Emission SAE J30R7 Made in USA Goodyear.

**Installation:** See selection of Goodyear EP clamps and connectors

**WARNING:** Do not use for pressure lines on fuel-injected engines.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Burst Pressure(PSI)	Weight (lbs./ft.)
65125	3/16	0.41	25	50	250	0.06
65122	1/4	0.50	2	50	250	0.09
65126	1/4	0.50	25	50	250	0.09
65154	1/4	0.50	250	50	250	0.09
65123	5/16	0.56	2	50	250	0.11
65127	5/16	0.56	25	50	250	0.11
65155	5/16	0.56	250	50	250	0.11
65119	11/32	0.59	1.6	50	250	0.11
65185	11/32	0.59	50	50	250	0.11
65124	3/8	0.63	2	50	250	0.12
65128	3/8	0.63	25	50	250	0.12
65156	3/8	0.63	250	50	250	0.12
65129	7/16	0.71	25	35	175	0.16
65157	7/16	0.71	250	35	175	0.16
65120	15/32	0.75	1.6	35	175	0.17
65186	15/32	0.75	50	35	175	0.17
65116	1/2	0.78	50	35	175	0.18
65121	19/32	0.91	1.6	35	175	0.24
65187	19/32	0.91	50	35	175	0.24
65117	5/8	0.94	50	35	175	0.24
65118	3/4	1.13	50	35	175	0.42



For clamps and connectors see pages 46 - 47.

\*Hypalon is registered by DuPont Dow Elastomers, LLC.

# Fuel Injection Hose SAE 30R9



**Application:** Designed specifically for auto and truck fuel injection systems. Goodyear Engineered Products SAE 30R9 is CARB approved (C-U-06-011) with a maximum fuel permeation of 15 g/m<sup>2</sup>/day at 40°C.

**Specific Fuel:** Gasoline, ethanol extended gasoline, oxidized sour gas, diesel fuel, biodiesel, lubrication oil

## Construction

**Tube:** Blue Fluoroelastomer/Nitrile

**Reinforcement:** Aramid Spiral

**Cover:** Black Hypalon\* (CSM)



**Temperature Range F & C:** -29° to +275°F (-34° to +135°C) Intermittent use at +302°F (+150°C)

**SAE Specifications:** SAE J30R9

**USCG Specifications:** NA

**Goodyear Engineered Products Specification:** 599965

**Length:** See table below. 1.5' (clamshell), 25' (spool)

**Brand Layline:** Goodyear (size in inches) Fuel Injection Hose SAE J30R9 (date code) (country code) (time of manufacture)

**Installation:** See selection of Goodyear EP clamps

**Warning:** Do not submerge in gasoline

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Burst Pressure(PSI)	Min Bend Radius(in.)	Vacuum HG(in.)	Weight (lbs./ft.)
65148	1/4	.50	1.5	max 100	900	0.75	24	0.10
65151	1/4	.50	25	max 100	900	0.75	24	0.10
65149	5/16	.56	1.5	max 100	900	0.84	24	0.12
65152	5/16	.56	25	max 100	900	0.84	24	0.12
65150	3/8	.63	1.5	max 100	900	0.94	24	0.14
65153	3/8	.63	25	max 100	900	0.94	24	0.14
65164	1/2	.80	25	max 100	900	2.00	24	0.16



For clamps see page 47.

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## Fuel Fill Hose SAE 30R6



**Application:** Designed for auxillary gas tanks or as a connection between filler neck and tank where a slight hose bend is required.

### Construction

**Tube:** Black Chemigum (Nitrile)

**Reinforcement:** Textile

**Cover:** Black Hypalon\* (CSM)

**Temperature Range F & C:** -40°F to +212°F (-40°C to +100°C)

**SAE Specifications:** SAE J30R6

**Product Specification:** 538959

**Installation:** See selection of Goodyear EP clamps

Part Number	ID(in.)	OD(in.)	Leg Lengths(in.)	Angle	Working Pressure(PSI)
59200	1 1/2	1 7/8	8 X 8	45	20
59201	1 3/4	2 1/8	8 X 8	45	20
59202	2	2 3/8	8 X 8	45	20
59203	2 1/4	2 5/8	8 X 8	45	20
59204	2 1/2	2 7/8	8 X 8	45	20
59205	1 1/2	1 7/8	8 X 8	90	20
59206	1 3/4	2 1/8	8 X 8	90	20
59207	2	2 3/8	8 X 8	90	20
59208	2 1/4	2 5/8	8 X 8	90	20
59209	2 1/2	2 7/8	8 X 8	90	20
59210	1 1/2	1 7/8	36	Straight	20
59211	1 3/4	2 1/8	36	Straight	20
59212	2	2 3/8	36	Straight	20
59213	2 1/4	2 5/8	36	Straight	20
59214	2 1/2	2 7/8	36	Straight	20



For clamps see page 47.

\*Hypalon is registered by DuPont Dow Elastomers, LLC.

## Fuel Fill Hose / Marine Exhaust Hose



**Application:** Designed for use with gasoline, methanol, ethanol, and diesel fuel in marine applications such as fuel filler neck, fuel tank vent and exhaust hose.

### Construction

**Tube:** Black Chemigum (Nitrile)

**Reinforcement:** 2-ply synthetic with helix wire

**Cover:** Black Chemivic (Nitrile/PVC) wrapped finish

**Temperature Range F & C:** -25°F to +212°F (-30°C to +100°C)

**SAE Specifications:** J1527 USCG Type A, Class 2, Style R2

**USCG Specifications:** CFR33 183 Subpart J, Fire resistance Type A

**Goodyear Engineered Products Specifications:** 543990 543991 543992

**Length:** See table below.

**Brand Layline:** Goodyear HI-MILER® Wire Inserted USCG Type A2 SAE J1527, P/N ID.

**Installation:** See selection of Goodyear EP clamps

**Warning:** Do not use hose reducers with this hose unless they meet the same fuel resistant specifications.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Min Bend Radius(in.)	Vacuum HG(in.)	Weight (lbs./ft.)
59310	5/8	63/64	30	35	1.8	20	0.32
59312	3/4	1 7/64	30	35	2.3	20	0.37
59314	7/8	1 15/64	30	35	2.8	20	0.42
59316	1	1 11/64	30	35	3.0	20	0.47
59318	1 1/8	1 1/2	30	18	2.3	20	0.53
59320	1 1/4	1 39/64	30	18	2.8	20	0.58
58524	1 1/2	1 53/64	4	18	4.5	20	0.66
59324	1 1/2	1 27/64	30	18	4.5	20	0.69
59328	1 3/4	2 1/8	30	18	5.0	20	0.80
58530	1 7/8	2 1/4	4	18	5.5	20	0.85
59330	1 7/8	2 1/4	30	18	5.5	20	0.85
58532	2	2 3/8	4	18	6.0	20	0.90
59332	2	2 3/8	30	18	6.0	20	0.90
59034	2 1/8	2 1/2	10	18	6.3	20	0.95
58536	2 1/4	2 39/64	4	18	6.8	20	1.00
59036	2 1/4	2 39/64	10	18	6.8	20	1.00
59038	2 3/8	2 3/4	10	18	7.0	20	1.05
58540	2 1/2	2 57/64	4	18	7.5	20	1.22
59040	2 1/2	2 57/64	10	18	7.5	20	1.22
59048	3	3 7/16	10	18	9.0	20	1.61
59056	3 1/2	3 63/64	10	18	10.5	20	1.94
59072	4 1/2	5 1/32	10	18	13.5	20	2.88



For clamps see page 47.

## Air Brake Hose



**Application:** Designed for compressed air brake systems more commonly found on heavy-duty trucks.

### Construction

**Tube:** Black Versigard (EPDM)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Black Versigard (EPDM)

**Temperature Range F & C:** -40°F to +200°F (-40°C to +93°C)

**SAE Specifications:** SAE J1402A

**Goodyear Engineered Products Specifications:** 580032

**DOT:** FMVSS-106

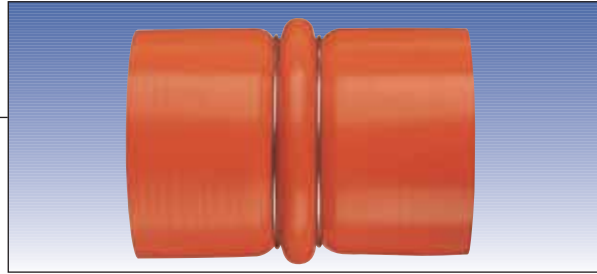
**Length:** See table below. 50' (carton), 250' (reel)

**Brand Layline:** DOT GY Air Brake 10mm(3/8") SAE J1402A

**Warning:** Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings.

Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
9003006	3/8	0.75	50	145	0.17
9003206	3/8	0.75	250	145	0.17
9003008	1/2	0.88	50	145	0.21
9003208	1/2	0.88	250	145	0.21

# Silicone Charge Air Cooler Hose



**Application:** Designed for connection between engine mounted charge air system components on Class 8 and heavy-duty diesel engines. Convolute, this silicone connector will handle slight misalignment between components and help to isolate vibration within the air cooler system.

## Construction

4-ply Nomex reinforcement with orange silicone cover and stainless steel rings.

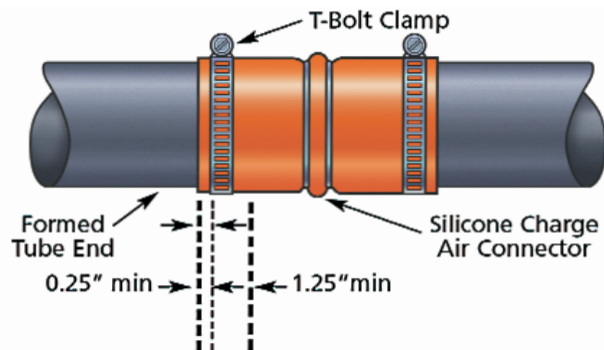
**Temperature Range F & C:** -60°F to +500°F (-51°C to +260°C)

**Clamp Recommendation:** T-bolt style with torque of 70-75 in-lbs.

Part Number	Inside Diameter(in.)	Outside Diameter(in.)	Length(in.)	Number of Rings	Max Operating Pressure(PSI)
57504	3.00	3.28	6.0	3	60
57512	3.50	3.73	6.0	3	55
57513	4.00	4.23	6.0	3	50
57514	4.00	4.23	8.0	3	50
57515	4.50	4.73	6.0	3	45

## Clamps

51350	3" Clamp
51356	4" Clamp



## Silicone Charge Air Straight Sleeve Hose



**Application:** Designed for use as a short, flexible connector between the air intake and the turbocharger.

### Construction

**Liner:** Silicone

**Reinforcement:** 3-Ply Woven Fiberglass Fabric

**Cover:** Orange Silicone

**Temperature Range F & C:** -60°F to +500°F (-51°C to +260°C)

Part Number	Inside Diameter(in.)	Outside Diameter(in.)	Length(in.)	Max Operating Pressure(PSI)
57402	1	1.19	36	45
57403	1 1/2	1.69	36	40
57404	2	2.19	36	35
57405	2 1/2	2.69	36	30
57448	3	3.19	36	25
57401	3 3/8	3.57	3 1/2	20
57456	3 1/2	3.69	36	20
57464	4	4.19	36	15
57406	6	6.19	36	10

## Transmission Oil Cooler Hose

**Application:** For use in connecting add-on and external transmission oil coolers for auto and light truck.

### Construction

**Tube:** Black Chemigum (Nitrile)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Black Hypalon\* (CSM)

**Temperature Range F & C:** -40°F to +252°F (-40°C to +121°C)

**Goodyear Engineered Products Specifications:** 580018

**Length:** 25' (spool)

**Brand Layline:** Goodyear Transmission Oil Cooler Hose 3/8" (9.5mm).

**Installation:** See selection of Goodyear EP clamps



Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Burst Pressure(PSI)	Weight (lbs./ft.)
65211	5/16	.62	25	250	1000	0.14
65213	3/8	.69	25	250	1000	0.16
65214	1/2	.87	25	250	1000	0.25

## Power Steering Return-Side Hose

**Application:** Designed for use as on the return side of automotive and truck power steering systems where resistance to power steering fluid is critical.

### Construction

**Tube:** Black Wingprene (CR)

**Reinforcement:** 2-Spiral Synthetic

**Cover:** Black Wingprene (CR)

**Temperature Range F & C:** -40°F to +250°F (-40°C to +121°C)

**SAE Specifications:** SAE J189

**Goodyear Engineered Products Specifications:** 580007

**Length:** 25' (carton)

**Brand Layline:** 3/8" (9.5mm) SAE J189 Goodyear.

**Installation:** See selection of Goodyear EP clamps



Part Number	ID(in.)	OD(in.)	Length(ft.)	Working Pressure(PSI)	Burst Pressure(PSI)	Weight (lbs./ft.)
65221	3/8	0.66	25	250	1000	0.13



For clamps see page 47.

\*Hypalon is registered by DuPont Dow Elastomers, LLC.

## Power Brake Vacuum Hose - Heavy Wall

**Application:** A heavy wall construction power brake vacuum hose designed to fit most brake systems on trucks, trailers and construction equipment with resistance to collapsing or deforming.



### Construction

**Tube:** Black Versigard (EPDM)  
**Reinforcement:** 2-Spiral Synthetic  
**Cover:** Black Versigard (EPDM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** SAE J1403 Type HWA

**Goodyear Engineered Products Specifications:** 580011

**DOT:** FMVSS 106VH

**Length:** 50' (carton)

**Brand Layline:** SAE J1403 DOT GY 1/2" VH

**Installation:** See selection of Goodyear EP clamps

Part Number	ID(in.)	OD(in.)	Length(ft.)	Burst Pressure(PSI)	Vacuum HG(in.)	Weight (lbs./ft.)
65102	3/8	0.81	50	350	26	0.33
65103	1/2	0.94	50	350	26	0.40
65105	3/4	1.19	50	350	26	0.53

## Power Brake Vacuum Hose - Light Wall

**Application:** A light duty hose specifically designed for power brake vacuum applications on cars and light-duty trucks.



### Construction

**Tube:** Black Versigard (EPDM)  
**Reinforcement:** 2-Spiral Synthetic  
**Cover:** Black Versigard (EPDM)

**Temperature Range F & C:** -40°F to +257°F (-40°C to +125°C)

**SAE Specifications:** SAE J1403 Type LWA

**Goodyear Engineered Products Specifications:** 580010

**DOT:** FMVSS 106VL

**Length:** 50' (carton)

**Brand Layline:** SAE J1403 DOT GY 11/32 VL

**Installation:** See selection of Goodyear EP clamps

Part Number	ID(in.)	OD(in.)	Length(ft.)	Burst Pressure(PSI)	Vacuum HG(in.)	Weight (lbs./ft.)
65107	11/32	0.69	50	350	26	0.15
65108	15/32	0.81	50	350	26	0.28



For clamps see page 47.

## Windshield Wiper / Radiator Overflow Tubing



**Application:** Tubing for use on windshield wiper systems, windshield washer fluid tanks, wet arm wiper tubing, radiator overflow tanks, and as vacuum tubing.

### Construction

**Tube:** EPDM

**Reinforcement:** No reinforcement

**Cover:** No cover

**Temperature Range F & C:** -40°F to 257°F (-40°C to +125°C)

**SAE Specifications:** J1037 & J942B

**Goodyear Engineered Products Specifications:** 580560

**Length:** See table below. 2.5' (clamshell), 6' (clamshell), 50' (spool)

**Brand Layline:** No brand

**Installation:** See selection of Goodyear EP clamps and connectors

Part Number	ID(in.)	Nipple Size(in.)	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
65109	3/32	1/16	50	50	0.01
65192	7/64	1/8	6	50	0.02
65113	7/64	1/8	50	50	0.02
65115	5/32	3/16	6	50	0.04
65111	5/32	3/16	50	50	0.04
65193	7/32	1/4	6	50	0.04
65112	7/32	1/4	50	50	0.04
65130	1/4	9/32	50	50	0.05
65114	9/32	5/16	50	50	0.05
65099	5/16	3/8	2.5	50	0.04
65106	5/16	3/8	50	50	0.04
65100	3/8	7/16	2.5	50	0.06
65101	3/8	7/16	50	50	0.06



For clamps and connectors  
see pages 46 - 47.



## Flexsteel® Service Station Air Hose



**Application:** For tire inflation service from towers, reels or curb connections.

### Construction

**Tube:** Black Nitrile (RMA Class B Oil Resistance)

**Reinforcement:** 1-Braid Steel

**Cover:** Red Nitrile (RMA Class B Oil Resistance)

**Temperature Range F & C:** -20°F to +190°F (-29°C to +88°C)

**Goodyear Engineered Products Specifications:** 539078

**Length:** See table below. 25' (carton), 50' (carton)

**Brand Layline:** Goodyear 1/4" Flexsteel® Service Station Air Made in USA Goodyear.

**Warning:** Do not use for oil, grease or fuel transfer.

Part Number	ID(in.)	OD(in.)	Coupling	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
65143	1/4	0.61	1/4-18NPT	25	250	0.17
65145	1/4	0.61	1/4-18NPT	50	250	0.17
65144	3/8	0.72	1/4-18NPT	25	250	0.23
65146	3/8	0.72	1/4-18NPT	50	250	0.23

## Service Station Air Hose

**Application:** A general purpose air hose available as a coupled assembly or uncoupled for use on towers, reels or curb service.



### Construction

**Tube:** Black Versigard

(EPDM - RMA Class C Oil Resistance)

**Reinforcement:** 4-Spiral Synthetic

**Cover:** Blue Versigard (EPDM - RMA Class C Oil Resistance)

**Temperature Range F & C:** -40°F to +190°F (-40°C to +88°C)

**Goodyear Engineered Products Specifications:** 569046

**Length:** See table below. 25' (coil), 50' (coil), 300' (reel)

**Brand Layline:** 1/2" (12.7mm) Service Station Air Made in USA Goodyear

Part Number	ID(in.)	OD(in.)	Coupling	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
65131	1/4	0.59	1/4-18NPT	25	250	0.16
65135	1/4	0.59	1/4-18NPT	50	250	0.16
65139	1/4	0.59	uncoupled	300	250	0.16
65133	3/8	0.71	1/4-18NPT	25	250	0.21
65137	3/8	0.71	1/4-18NPT	50	250	0.21
65141	3/8	0.71	uncoupled	300	250	0.21
65134	1/2	0.87	1/2-14NPT	25	250	0.26
65138	1/2	0.87	1/2-14NPT	50	250	0.26

## Pliovic® PVC Air Hose

**Application:** A lightweight, economical, PVC hose for air, water and many spray solutions. Nonconductive with minimum electrical resistance greater than one megaohm per inch of hose length at 1000 volts DC.



### Construction

**Tube:** Black PVC (RMA Class B Oil Resistance)

**Reinforcement:** Spiral Synthetic

**Cover:** Blue PVC (RMA Class B Oil Resistance)

**Temperature Range F & C:** -10°F to +158°F (-23°C to +70°C)

**Goodyear Engineered Products Specifications:** 540031

**Length:** 25' (coil), 50' (coil)

**Brand Layline:** PVC Air Hose 3/8" (9.5mm) 250 PSI WP (1.7 MPa) Made in USA Goodyear

**Warning:** Do not use for oil, grease or fuel transfer.

Part Number	ID(in.)	OD(in.)	Coupling	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
65172	1/4	0.50	1/4-18NPT	25	250	0.06
65174	1/4	0.50	1/4-18NPT	50	250	0.06
65173	3/8	0.66	1/4-18NPT	25	250	0.11
65175	3/8	0.66	1/4-18NPT	50	250	0.11

## Signal Call Bell Hose

**Application:** Designed for driveway signal devices in service stations and garages.

### Construction

**Tube:** EPDM

**Reinforcement:** No reinforcement

**Cover:** No cover

**Temperature Range F & C:** -40°F to +160°F (-40°C to +71°C)

**Goodyear Engineered Products Specifications:** 580564

**Length:** See table below. 50' (carton), 100' (carton)

**Brand Layline:** No brand

**Installation:** See selection of Goodyear EP clamps and connectors



Part Number	ID(in.)	OD(in.)	Length(ft.)	Weight (lbs./ft.)
65180	3/8	0.63	50	0.11
65181	3/8	0.63	100	0.11



For clamps and connectors see pages 46 - 47.

## Sureline® Washdown Hose

**Application:** A general purpose washdown hose with crushproof garden hose fittings for car and truck service bays.

### Construction

**Tube:** Black Versigard

(EPDM - RMA Class C Oil Resistance)

**Reinforcement:** 4-Spiral Synthetic

**Cover:** Black Versigard (EPDM - RMA Class C Oil Resistance)

**Temperature Range F & C:** -40°F to +190°F (-40°C to +88°C)

**Goodyear Engineered Products Specifications:** 569049

**Length:** 50' (coil)

**Brand Layline:** Sureline® 5/8" (15.9mm) 150 PSI WP Made in USA Goodyear.

**Warning:** Do not use for oil, grease or fuel transfer.



Part Number	ID(in.)	OD(in.)	Coupling	Length(ft.)	Working Pressure(PSI)	Weight (lbs./ft.)
65170	5/8"	0.93	MXF	50	150	0.26

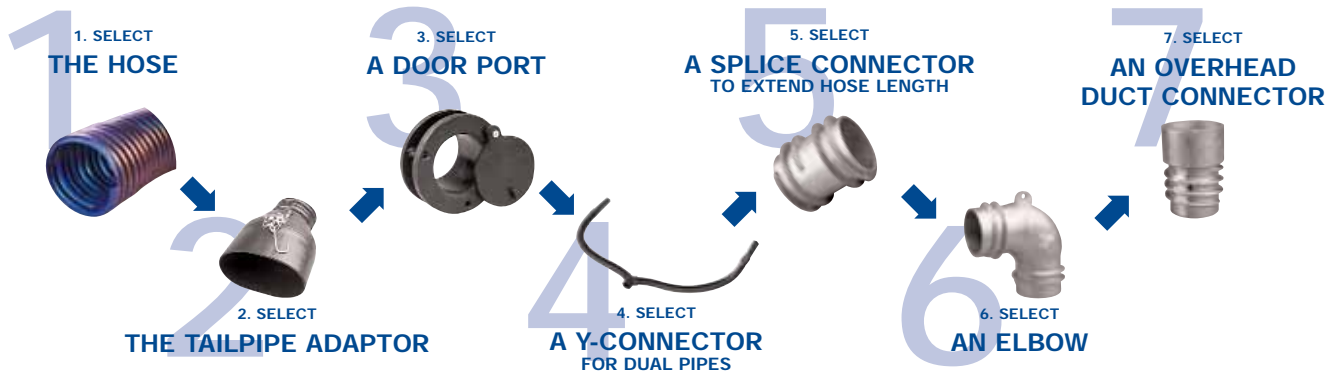
# Garage Exhaust Systems: Hose and Accessories

**Application:** Garage exhaust hose and accessories are designed for both floor and overhead use in both small car and heavy-duty truck garages. Garage exhaust hose is designed to connect to the tailpipe and provide easy escape of the vehicle exhaust gas.

## Construction

Temperature Range F & C: Up to +600°F (+316°C)

Seven easy steps to developing a complete garage exhaust system:



## ORDER GUIDE

Develop Garage Exhaust Systems using compatible parts

Rubber Hose	ID(in.) x Length(ft.)	Tailpipe Adapter	Door Port	Y-Connector	Splice Connector	Elbows	Overhead Duct Connector
FLT 200	2 x 11	F250 Straight(11) RA300 Bell	DF25 Rubber	RY20 Rubber	SP20	EB20	NA
FLT 250	2 1/2 x 11	F250 Straight F300 Straight RA250 Bell	DF25 Rubber	RY25 Rubber	SP25 Rubber(3)	EB25 Rubber AEL25 Aluminum	NA
FLT 300	3 x 11	F250 Straight F300 Straight F350 Straight F475 3x6 Oval F575 3 1/2x8 1/2 Oval RA300 Bell	ADF30 Aluminum	RY30 Rubber	SP30 Rubber(9) AC30 Aluminum(9)	EP30 Rubber AEL30 Aluminum	OC30 Aluminum
FLT 350	3 1/2 x 11	F300 Straight F350 Straight F400 Straight	NA	NA	NA	NA	NA
FLT400	4 x 11	F350 Straight F400 Straight DSR600 Straight(20) F475 3x6 Oval F575 3 1/2x8 1/2 Oval F800 Straight	ADF40 Aluminum	AY40 Aluminum	SP40 Rubber(7) AC40 Aluminum(8)	AEL40 Aluminum	OC40 Aluminum
ACT400	4 x 11	F350 Straight F400 Straight DSR600 Straight F475 3x6 Oval F575 3 1/2x8 1/2 Oval F800 Straight	ADF40 Aluminum	AY40 Aluminum	SP40 Rubber AC40 Aluminum	AEL40 Aluminum	OC40 Aluminum
ACT500(17)	5 x 11	DSR600 Straight DSR8600 Straight	NA	NA	AC50 Aluminum(14)	AEL50 Aluminum	OC50 Aluminum OC50D AU w/damper
ACT600(6)	6 x 11	DSR600-6 Straight(7) DSR8600 Straight	NA	NA	AC60-OC Aluminum	AEL60 Aluminum	AC60-OC Aluminum

# HEAVY-DUTY REPLACEMENT PRODUCTS GARAGE EXHAUST AND AIR HOSE

## Rubber Hose:

(\* ) Indicates one flared end per length, allowing connections of two or more length of the same ID. ACT Hose is designed for use with larger gas vehicles and diesel trucks. Also available with wire insert. Always use the appropriate tailpipe adapter.

Part Number	Inside (in.)	Diameter Length(ft.)	Intended Application
FLT200*	2	11	Compact Car
54040/FLT250*	2 1/2	11	Compact Car
54048/FLT300*	3	11	Passenger Car
54064/FLT400*	4	11	Gas Truck
ACT400	4	11	Diesel Truck
ACT400 Dyno	4	11	Dyno
ACT500	5	11	Diesel Truck
ACT600	6	11	Diesel Truck



FLARELOCK HOSE/  
ACT HOSE

ACT 400 DYN0

## Y-Assemblies:

Designed for dual exhaust vehicles. Includes Hose, Y-Connector and Tailpipe adapter.

Assembly Part Number	Hose ID(in.) x Length(ft.)	Y-Connector	Tailpipe Adapter
YA250	2 ea 2 1/2 x 4	RY25	2 ea F250
YA300	2 ea 3 x 4	RY30	2 ea F300
YA575	2 ea 3 x4	RY30	2 ea F575
YA400	2 ea 4x4	AY40	2 ea F350



YA250  
YA300  
YA400  
YA575

## Tailpipe Adapters:

Connects hose to various types of tailpipes. Hook and Chain holds adapter in place. Adapters are designed with a 1/2" diameter clearance around the tailpipe.

Part Number	Adapter Description	Hose ID(in) Options	Tailpipe Style	Tail Pipe Size(in.)
54032/F250	Straight with hook and chain	2, 2 1/2, 3	Single	Up to 2"
F300	Straight with hook and chain	2 1/2, 3, 3 1/2	Single	Up to 2 1/2"
F350	Straight with hook and chain	3 1/2, 4	Single	Up to 3"
F350 Dyno	Straight with hook and chain	3 1/2	Single	Up to 3"
F400	Straight with hook and chain	3 1/2, 4	Single	Up to 3 1/2"
F475	Oval (3' x 6')	3, 4	Twin up to 2'	Oval 2 1/2' x 5 1/2'
F475 Dyno	Oval (3' x 6')	3, 4	Twin up to 2'	Oval 2 1/2' x 5 1/2'
F575	Oval (3 1/2' x 8 1/2')	3, 4	Twin up to 3'	Oval 3' x 8"
DSR600	Stack Adapter	4, 5	Diesel Stack	Up to 5 1/2"
DSR600-6	Stack Adapter	6	Diesel Stack	Up to 5 1/2"
F800	Stack Adapter	4	Diesel Stack	Up to 7 1/2"
DSR8600	Stack Adapter	5, 6	Diesel Stack	Up to 7 1/2"
RA250	Bell	2 1/2, 3 1/2	All	All
RA300	Bell	2, 3	All	All



F250  
F300  
F350  
F400  
F800

F350 DYN0

F475  
F575

F475 DYN0

RA250  
RA300

DSR600  
DSR600-6  
DSR8600

# HEAVY-DUTY REPLACEMENT PRODUCTS GARAGE EXHAUST AND AIR HOSE

## Door Ports:

Allows hose to be vented through 1" door

Part Number	Hose ID(in.)	Material
DF25	2 1/2	Rubber
ADF30	3	Aluminum
ADF40	4	Aluminum



DF25



ADF30  
ADF40

## Y Fittings:

Allows for 3 hoses to be joined together

Part Number	Hose ID(in.)	Material
RY20	2	Rubber
RY25	2 1/2	Rubber
RY30	3	Rubber
AY40	4	Aluminum



RY20  
RY25  
RY30



AY40

## Splice Connectors:

Joins two hoses together. Internal threads on rubber connector and external threads on metal connector.

Part Number	Hose ID(in.)	Material
SP20	2	Rubber
SP25	2 1/2	Rubber
SP30	3	Rubber
SP40	4	Rubber
AC30	3	Aluminum
AC40	4	Aluminum
AC50	5	Aluminum
AC60-OC	6	Aluminum



SP20  
SP25  
SP30  
SP40



AC30  
AC40  
AC50  
AC60-OC

## Elbows:

Rubber elbows connect to underfloor exhaust systems. Aluminum elbows connect two hoses in an overhead pulley system.

Part Number	Hose ID(in.)	Material
EB20	2	Rubber
EB25	2 1/2	Rubber
EB30	3	Rubber
AEL25	2 1/2	Aluminum
AEL30	3	Aluminum
AEL40	4	Aluminum
AEL50	5	Aluminum
AEL60	6	Aluminum



EB20  
EB25  
EB30



AEL25  
AEL30  
AEL40  
AEL50  
AEL60

## Overhead Duct Connectors:

Adapter to Overhead "T"'s

Part Number	Duct size	Material
OC30	3	Aluminum
OC40	4	Aluminum
OC50	5	Aluminum
OC50D	5 with Damper	Aluminum
AC60-OC	6	Aluminum



OC30  
OC40  
OC50

## Multi-Purpose Air Duct



**Application:** Designed for connection between engine exhaust manifold and the air cleaner as a carburetor preheat duct. In addition, this durable, flexible, multi-purpose hose can be used in vehicle cabin ventilation as an air or defroster hose or an emission control hose.

### Construction

**Tube:** Kraft Paper

**Reinforcement:** Aluminum

**Cover:** Kraft Paper

**Temperature Range F & C:** Max Surface Temperature +250° F (+121° C)

**Length:** 3' (individually packed)

**Brand Layline:** No Brand

**Installation:** Can be installed with or without worm gear clamps. Cut to size with long-bladed knife.

Part Number	Diameter (in.)	Length (in.)	Bend Radius (in.)
65912	3/4	36	1 1/8
65924	1 1/2	36	2 1/4
65928	1 3/4	36	2 5/8
65932	2	36	3

# Connectors

**Application:** A general purpose automotive fitting for use as a fuel line connector, vacuum hose connector and for use in emission control systems.

## Construction

Black 6/6 Nylon

### Temperature Range F & C:

-50°F to +275°F (-45°C to 248°C)

**Packaging:** Sold in Bags of 5 pcs, Kit includes 2 each of parts designated in a plastic case. Kit includes plan-o-gram card with size and location of each connector.

Part Number	Description	Included in Kit 65670
65601	3/32" Y	X
65602	1/8" Y	X
65603	3/16" Y	X
65604	3/32" Straight	X
65605	1/8" Straight	X
65606	5/32" Straight	X
65607	3/16" Straight	X
65608	3/32" Elbow	X
65609	1/8" Elbow	X
65610	5/32" Elbow	X
65611	3/16" Elbow	X
65612	3/32" Tee	X
65613	1/8" Tee	X
65614	5/32" Tee	X
65615	3/16" Tee	X
65616	3/32" - 1/8" Reducer	X
65617	1/8" - 5/32" Reducer	X
65618	3/16" - 1/4" Reducer	X
65619	5/16" - 3/8" Reducer	



Part Number	Description	Included in Kit 65660
65620	1/4" Straight	X
65621	5/16" Straight	
65622	3/8" Straight	X
65623	1/2" Straight	X
65624	5/8" Straight	X
65625	3/4" Straight	X
65626	1" Straight	
65627	1/2" - 3/8" Reducer	X
65628	5/8" - 1/2" Reducer	X
65629	3/4" - 5/8" Reducer	X
65630	1" - 3/4" Reducer	
65631	1/4" Elbow	X
65632	5/16" Elbow	
65633	3/8" Elbow	X
65634	1/2" Elbow	X
65635	5/8" Elbow	X
65636	3/4" Elbow	X
65637	1" Elbow	
65638	1/4" Tee	X
65639	5/16" Tee	
65640	3/8" Tee	X
65641	1/2" Tee	X
65642	5/8" Tee	X
65643	3/4" Tee	X
65644	5/8" - 3/8" Tee	
65645	3/4" - 3/8" Tee	
65646	1" Tee	



## Construction

Glass-Filled Black Nylon

### Temperature Range F & C:

-50°F to +275°F (-45°C to +248°C)

**Packaging:** Sold in Bags of 5 pcs, Kit includes 2 each of parts designated in a plastic case. Kit includes plan-o-gram card with size and location of each connector.



Heater Hose Connector Kit.....65660  
 Fuel Line/Vacuum Hose Connector Kit.... 65670



# High-Performance Stainless Steel Worm Gear Clamps

**Application:** All Stainless for maximum corrosion resistance. Suitable for marine applications.

## Construction

All 201/301 Stainless including band, housing and hex head screw

**Hex Head:** 5/16"

**Band:** 1/2"

\* Miniature clamp with 1/4" hex and 5/16" band

**Packaging:** 10/box



Part Number	Clamp Diameter		SAE #	Hose ID	
	Min(in.)	Max(in.)		Min(in.)	Max(in.)
51302*	1/4	5/8	004	1/8	5/16
51303*	5/16	7/8	006	1/4	7/16
51306	3/8	7/8	006	5/16	3/8
51308	7/16	1	008	5/16	1/2
51310	1/2	1 1/16	010	3/8	5/8
51312	1/2	1 1/4	012	3/8	3/4
51316	11/16	1 1/2	016	3/4	7/8
51320	3/4	1 3/4	020	3/4	1 1/8
51324	1	2	024	7/8	1 3/8
51328	1 1/4	2 1/4	028	1 1/4	1 5/8
51332	1 1/2	2 1/2	032	1 1/2	1 7/8
51336	1 3/4	2 3/4	036	1 3/4	2
51340	2	3	040	2	2 1/4
51344	2 1/4	3 1/4	044	2 1/4	2 1/2
51348	2 1/2	3 1/2	048	2 1/2	2 3/4

## Stainless Band Worm Gear Clamp

### Construction

201/301 Stainless Band with zinc-plated carbon steel housing and hex head screw.

**Hex Head:** 5/16"

**Band:** 1/2"

\* Miniature clamp with 1/4" hex and 5/16" band

**Packaging:** 10/box

Part Number	Clamp Diameter		SAE #	Hose ID	
	Min(in.)	Max(in.)		Min(in.)	Max(in.)
51002*	1/4	5/8	004	1/8	5/16
51003*	5/16	7/8	006	1/4	7/16
51006	3/8	7/8	006	5/16	3/8
51008	7/16	1	008	5/16	1/2
51010	1/2	1 1/16	010	3/8	5/8
51012	1/2	1 1/4	012	3/8	3/4
51016	11/16	1 1/2	016	3/4	7/8
51020	3/4	1 3/4	020	3/4	1 1/8
51024	1	2	024	7/8	1 3/8
51028	1 1/4	2 1/4	028	1 1/4	1 5/8
51032	1 1/2	2 1/2	032	1 1/2	1 7/8
51036	1 3/4	2 3/4	036	1 3/4	2
51040	2	3	040	2	2 1/4
51044	2 1/4	3 1/4	044	2 1/4	2 1/2
51048	2 1/2	3 1/2	048	2 1/2	2 3/4
51052	2 3/4	3 3/4	052	2 3/4	3
51056	3	4	056	3	3 1/2
51064	2 1/2	4 1/2	064	2 1/2	4
51072	3	5	072	3	4 1/2
51104	5	7	104	5	6 1/2



## Belt Merchandiser Tools

### INSTA-FIND® MEASURING GAUGE

#### Fast, Easy Belt Selection With The Insta-Find® Measuring Gauge

The Insta-Find® belt measuring gauge makes it easy to quickly determine the size of any belt made by Goodyear Engineered Products or any other manufacturer.

The Insta-Find® gauge measures automotive, truck, and lawn and garden belts. It's designed for top widths to one inch, and will measure circumferences up to and exceeding 100 inches.

#### POLY-V® BELT MEASURING CAPABILITY

A special Poly-V® groove also enables easy measurement for the growing number of Poly-V® belts used in serpentine applications.

Equally important, it's made of sturdy materials so it will stand up to the heavy usage it's sure to get.

#### HOW THE INSTA-FIND® GAUGE WORKS

1. Apply old belt.
2. Read belt width at bottom.
3. Read belt length on scale respective to the top width.
4. Select new belt.

Simply slip the old belt onto the gauge and pull the slide tight. The belt width is read at the bottom of the slide. The belt length is read on the bar scale. No guessing. No trial-and-error matching. Part No. 08000



# Hose Merchandiser Tools

The top cabinet can be placed on a counter, fastened to a wall or attached to the lower heater hose rack. Part No. 65080: Fuel Hose and Wiper Tubing Cabinet

The top cabinet comes stenciled with part numbers for the nine most popular fuel and wiper tubing hoses. Labels are included to change these part numbers if desired.

The lower heater hose rack holds three sizes of the most popular heater hose and provides a base for Part No. 65080: Part No. 65081: Heater Hose Rack



## HOSE MERCHANDISER

The Hose Merchandiser from Goodyear Engineered Products has a small footprint but delivers big benefits. It is designed to better organize and dispense fuel line hose, windshield washer tubing, fuel injection hose and heater hose. To complete the package, we also offer cutters and blade replacements.

## VERSATILITY

The merchandiser consists of two parts. Depending on the layout of your shop, you can combine them to form a single, convenient freestanding merchandiser or use them separately.

The merchandiser is also sold as a package that includes the top cabinet and the lower heater hose rack, completely stocked with hose.

Part No. 65082 includes cabinet top 65080 and bottom rack 65081 with the following hose part numbers:

Black Heater Hose.....	65000	1/2" x 50'
Black Heater Hose.....	65004	5/8" x 50'
Black Heater Hose.....	65009	3/4" x 50'
Fuel Hose.....	65126	1/4" x 25' 30R7
Fuel Hose.....	65127	5/16" x 25'
Fuel Hose.....	65128	3/8" x 25'
Tubing.....	65113	7/64" x 50'
Tubing.....	65111	5/32" x 50'
Tubing.....	65112	7/32" x 50'



## HOSE CUTTING TOOLS

Provide straight cuts for couplings used for synthetic spinal or braided hose.

- Superior I-Beam design
- Spring-action return with safety latch
- Stainless steel blade

Part No. 65090

2" Hose and Tubing Cutter, Cuts up to 2" hose

Part No. 65091

Replacement Blade for 65090

Part No. 65092

1-1/4" Hose and Tubing Cutter, Cuts up to 1-1/4" hose

Part No. 65093

Replacement Blade for 65092

U . S . A .  
1 - 8 0 0 - 8 6 9 - 0 4 3 5  
F A X 1 - 8 0 0 - 2 2 8 - 3 1 4 8

C A N A D A  
1 - 8 8 8 - 2 7 5 - 4 3 9 7  
F A X 1 - 8 8 8 - 4 6 4 - 4 3 9 7

W W W . G O O D Y E A R E P . C O M / A F T E R M A R K E T T R U C K



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