

# CAPS AND NYLON CONNECTORS

## Vinyl Vacuum Caps

Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc.  
Color coded for size identification.



Part No.	I.D.	Fits Tube O.D.	Color	Length	Unit Pkg.
18202	1/8"	3/16"	Blue	5/8"	50
18203	3/16"	1/4"	Red	5/8"	50
18204	1/4"	5/16"	White	5/8"	50
18205	5/16"	3/8"	Black	5/8"	50

## Rubber Caps

Special Heat Resistant EPDM Rubber  
Ford - GM - Chrysler



Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc

Part No.	Fits Tube O.D.	Inside Length	Unit Pkg.
12209	1/8"	9/16"	25
4440	3/16"	9/16"	25
16264	3/16"	9/16"	100
19000	3/16"	1-1/4"	25
4439	1/4"	9/16"	25
19001	1/4"	1-1/4"	25
19002	5/16"	9/16"	25
12907	5/16"	1-1/4"	25
12210	3/8"	31/32"	25
19003	3/8"	1-1/2"	25
12908	1/2"	11/16"	10

## NYLON CONNECTORS



### 12929

1/8" x 1/8"  
Connector

UNIT PACKAGE: 10



### 12930

1/8" x 3/16"  
Connector

UNIT PACKAGE: 10



### 12936

1/8" x 1/4"  
Connector

UNIT PACKAGE: 10



### 12937

3/16" x 3/16"  
Connector

UNIT PACKAGE: 10



### 12935

3/16" x 1/4"  
Connector

UNIT PACKAGE: 10



### 12931

1/4" x 1/4"  
Connector

UNIT PACKAGE: 10



### 12946

5/16" x 5/16"  
Connector

UNIT PACKAGE: 10



### 12938

3/8" x 1/4"  
Connector

UNIT PACKAGE: 10



### 12934

3/8" x 3/8"  
Connector

UNIT PACKAGE: 10



### 18835

(E1ZE-9E499-EA)

3/16" All Ends  
Emission Harness Connector  
Ford

UNIT PACKAGE: 25

# NYLON CONNECTORS



**12923**

1/8" All Ends  
Tee

UNIT PACKAGE: 10



**10697**

1/8" All Ends  
Tee

UNIT PACKAGE: 10



**12916**

1/8" x 3/16" x 1/8"  
Tee

UNIT PACKAGE: 10



**12924**

1/8" x 3/16" x 3/16"  
Tee

UNIT PACKAGE: 10



**12926**

3/16" x 3/16" x 1/8"  
Tee

UNIT PACKAGE: 10



**12917**

1/8" x 1/8" x 1/4"  
Tee

UNIT PACKAGE: 10



**12918**

3/16" All Ends  
Tee

UNIT PACKAGE: 10



**12919**

1/4" x 3/16" x 3/16"  
Tee

UNIT PACKAGE: 10



**17629**

1/4" All Ends  
Tee

UNIT PACKAGE: 10



**11738**

1/4" x 1/4" x 3/16"  
Tee

UNIT PACKAGE: 10



**12921**

3/8" x 3/8" 1/4"  
Tee

UNIT PACKAGE: 10



**12922**

1/4" x 3/8" x 3/8"  
Tee

UNIT PACKAGE: 10



**12920**

5/16" All Ends  
Tee

UNIT PACKAGE: 10



**12925**

3/8" All Ends  
Tee

UNIT PACKAGE: 10

# NYLON CONNECTORS



**12927**

3/16" All Ends  
Y Connector

UNIT PACKAGE: 10



**12943**

1/4" All Ends  
Y Connector

UNIT PACKAGE: 10



**12944**

5/16" All Ends  
Y Connector

UNIT PACKAGE: 10



**12947**

1/8" x 3/16"  
Elbow

UNIT PACKAGE: 10



**12932**

3/16" x 3/16"  
Elbow

UNIT PACKAGE: 10



**18836**

(E1ZE-9E499CA)

5/32" x 5/32" x 8/16"  
Emission Harness  
Elbow Connector  
Ford

UNIT PACKAGE: 25



**12948**

3/16" x 1/4"  
Elbow

UNIT PACKAGE: 10



**12933**

1/4" x 1/4"  
Elbow

UNIT PACKAGE: 10



**12940**

3/16" All Ends  
F Connector

UNIT PACKAGE: 10



**12939**

3/16" All Ends  
Cross Connector

UNIT PACKAGE: 5



**11419**

3/16" All Ends  
4 Way Connector

UNIT PACKAGE: 25



**12949**

3/16" All Ends  
5 Way Tee

UNIT PACKAGE: 5

# CONNECTORS

## Nylon Connectors Cross Reference

O.E.M. Number Chart

Part No.	OEM No.
<b>11419</b>	GM: 560692, 22508803 Ford: 383847-S
<b>11738</b>	GM: 3963228
<b>12916</b>	GM: 14025274, 14031144 Ford: 383016 Chry: 4241362
<b>12917</b>	GM: 1610403
<b>12918</b>	GM: 357020, 272766, 22508050 Ford: 373846-S Chry: 3671410 AMC: 3673945
<b>12919</b>	GM: 1617333, 10003294 Ford: 388034 12920 GM: 6466355 Chry: 4167810
<b>12921</b>	GM: 472814 Ford: D9AE-9E645AA
<b>12922</b>	GM: 472815 Ford: 801471
<b>12923</b>	GM: 14017705 Ford: 3895904 Chry: 3751212

Part No.	OEM No.
<b>12924</b>	GM: 14017780
<b>12925</b>	GM: 14023108 Ford: 388131-S
<b>12926</b>	GM: 14031114
<b>12927</b>	GM: 10003617, 22508052 Ford: 383031 AMC: 3236813
<b>12928</b>	GM: 14046514
<b>12929</b>	GM: 14047034 Ford: 383000 Chry: 4095145
<b>12930</b>	GM: 14017701 Ford: 383001 Chry: 3441743, 4241296
<b>12931</b>	GM: 1614858, 14004876, 10017487 Ford: 383005
<b>12932</b>	GM: 556992, 14031145, 22508049 Ford: 387065 Chry: 4100727
<b>12933</b>	Ford: 387074
<b>12934</b>	GM: 22505958 Chry: 4201198

Part No.	OEM No.
<b>12935</b>	GM: 1621253, 472812 Ford: 800843 AMC: 3239826
<b>12936</b>	GM: 14017702
<b>12937</b>	GM: 560625, 22508051 Ford: 383003, 389138 Chry: 4104998
<b>12938</b>	Ford: E0VE-9K319AB
<b>12939</b>	GM: 354400 Ford: 387042 Chry: 4241054
<b>12940</b>	GM: 14029095
<b>12941</b>	GM: 14031149
<b>12943</b>	GM: 10004121 Chry: 4019472 AMC: 4006848
<b>12944</b>	Chry: 4179982
<b>12946</b>	Chry: 4179981
<b>12947</b>	GM: 14017779
<b>12948</b>	Ford: 387980
<b>12949</b>	Ford: 384111 AMC: 3237451



### Nylon Hose Connectors

Barbed on Both Ends

Part No.	Hose Size	Unit Pkg.
<b>10101*</b>	1/8" x 1/8"	10
<b>10102</b>	3/16" x 3/16"	10
<b>10103</b>	1/4" x 1/4"	10
<b>10104</b>	5/16" x 5/16"	10
<b>10105</b>	3/8" x 3/8"	10
<b>16961</b>	1/2" x 1/2"	10

\*Single barb on each end



### Nylon Reducer Connectors

Barbed on Both Ends

Part No.	Hose Size	Unit Pkg.
<b>10106</b>	1/4" x 3/16"	10
<b>10107</b>	3/8" x 1/4"	10



### Nylon Tubing & Hose Tee Connectors

Barbed on All Ends

Part No.	Hose Size I.D.	Unit Pkg.
<b>10108</b>	5/32" x 5/32" x 5/32"	10
<b>10109</b>	3/16" x 3/16" x 3/16"	10
<b>10110</b>	1/4" x 1/4" x 1/4"	10
<b>14813</b>	5/16" x 5/16" x 5/16"	10
<b>11228</b>	3/8" x 3/8" x 3/8"	10
<b>11229</b>	1/2" x 1/2" x 1/2"	10



### 11321 Butyrate

Universal Tubing Connector  
For 1/8", 1/4" or 3/8"

For use with Vacuum and Windshield Washer Tubing

**Not for use in Fuel Line**

UNIT PACKAGE: 10

# CONNECTORS AND AIRLINE COUPLINGS

*Photos are not actual size*



**10368**

Butyrate

3-Way Universal  
For 1/8" 1/4" and 3/8"  
Tubing  
Break-Off Tee

**Not for use in Fuel  
Line**

UNIT PACKAGE: 5



**11224**

Non-Corrosive  
Black Polyethylene

High-Density Tubing and Hose Elbows  
Barbed on Both Sides  
Hose Size: 3/8" x 3/8" I.D.

UNIT PACKAGE: 10



**16654**

Santoprene Rubber

4mm All Ends

UNIT PACKAGE: 25



**11220**

Non-Corrosive  
Black Polyethylene

High-Density Tubing and Hose Elbows  
Pipe Thread: 1/4"  
Hose Size: 3/8" I.D.

UNIT PACKAGE: 10

**11226**

Non-Corrosive  
Black Polyethylene



High-Density Tubing and  
Hose Tee Connectors  
Pipe Thread: 1/4"  
Hose Size: 1/4" x 1/4" I.D.

UNIT PACKAGE: 10

## AIRLINE COUPLINGS

**210 Series:** Push-to-connect, pin-type hose couplings designed for one-way shutoff in 1/4" capacity. **Average flow:** 18 cfm at 90 PSIG (6.2 bar) inlet and 10 PSIG (0.69 bar) pressure drop. Maximum inlet pressure: 250 PSIG (17 bar). Zinc chromate finish.



**16045**

1/4" Female NPT  
UNIT PKG: 5



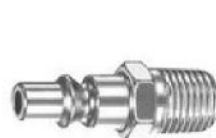
**16046**

1/4" Male NPT  
UNIT PKG: 5



**16049**

1/4" Female NPT  
UNIT PKG: 5



**16051**

1/4" Male NPT  
UNIT PKG: 5



**16052**

1/4" Hose Stem I.D.  
UNIT PKG: 5

**MS Series:** For use with industrial interchange style connectors. Push-to-connect type designed for one-way shutoff in 1/4" capacity. **Average flow:** 36 cfm at 90 PSIG (6.2 bar) inlet and 10 PSIG (0.69 bar) pressure drop. Maximum inlet pressure: 250 PSIG (17 bar). Zinc Chromate finish.



**16066**

1/4" Female NPT  
UNIT PKG: 5



**16067**

1/4" Male NPT  
UNIT PKG: 5



**16070**

1/4" Female NPT  
UNIT PKG: 5



**16071**

1/8" Male NPT  
UNIT PKG: 5



**16072**

1/4" Male NPT  
UNIT PKG: 5

# AIRLINE COUPLING ACCESSORIES AND TUBING

*Photos are not actual size*



**19576**

Safety lever blow gun easily controls air flow. Ideal for hundreds of automotive and industrial uses in small or large industrial plants, service stations, garages, etc. Zinc alloy and brass construction. Meets OSHA 150 PSI Inlet, Max. Nozzle 30 PSI SCFM 10.0 @ 100 PSI. 1/4" NPT air inlet.

UNIT PACKAGE: 1



**19578**

Siphon Spray Nozzle. Accessory for 19577 Blow Gun. For adding moisture or solvent to the air stream. Unique dual thread design permits use on all blow guns with 7/16"-27 and 1/8" NPS threads. O-ring seal creates an air-tight assembly. Aluminum body construction.

UNIT PACKAGE: 1



**19577**

Compact safety lever blow gun. Includes a safety nozzle and a non-safety rubber tip nozzle. Features an easy to use hang-up hook.

Chrome plated zinc alloy construction. Meets OSHA 150 PSI Inlet, Max. Nozzle 30 PSI. Safety tip SCFM 11.7 @ 100 PSI. Non-safety tip 12.9 @ 100 PSI. 1/4" NPT air inlet

UNIT PACKAGE: 1

**19579**



Rubber Blow Gun Tip. Accessory for 19577 Blow Gun. For positive leak-proof connection when blowing out any fluids where a metal tip could mar the finish. Unique dual thread design permits use on all blow guns with 7/16"-27 and 1/8" NPS threads. O-ring seal creates an air-tight assembly. Brass body construction.

UNIT PACKAGE: 2

## Clear Flexible Vinyl (PVC)

Our tubing has a broad range of chemical resistance to acids, alkalis and solvents. It's ideal for use in industrial air pressure line applications, in the food industry (FDA approved), for potable water, and for various gases and chemicals. Not for use with gasoline.



The Clear Flexible Tubing can be used with our connectors which are cataloged on page 200. The tubing can also be installed with our Hose Clamps (refer to the alphabetical index).

Part No.	I.D.	O.D.	Wall Thickness	*Maximum Suggested Working Pressure (PSI @ 70 F)	Unit Pkg.
14801	1/8"	1/4"	1/16"	59	100 Ft.
14802	3/16"	5/16"	1/16"	51	100 Ft.
14803	1/4"	3/8"	1/16"	51	100 Ft.
14804	5/16"	7/16"	1/16"	48	100 Ft.
14805	3/8"	1/2"	1/16"	41	100 Ft.
14807	1/2"	5/8"	1/16"	28	100 Ft.
14808	1/2"	3/4"	1/8"	41	100 Ft.

\*We recommend verification by testing of the size and material to be used.

## Red Air Hose

*Photo not actual size*



### Male Brass Fitting

Four spiral reinforced EPDM rubber construction offers superior durability and excellent flexibility. Limited oil resistance. Coupled with brass fittings. Maximum working pressure is 300 P.S.I.

Part No.	I.D.	Description	Unit Pkg.
		Impact Tool Air Hose	
15538	3/8"	1/4" Male Pipe Thread Fittings	25' Roll
15539	3/8"	1/4" Male Pipe Thread Fittings	50' Roll

## Black O.E.M. Heater Hose



Meets or exceeds SAE20R3 specifications. O.E.M. grade EPDM hose that withstands the abuse of corrosive additives, heat, cold, ozone, weather and abrasion

Part No.	I.D.	Unit Pkg.
15540	1/2"	50' Roll
15541	5/8"	50' Roll
15542	3/4"	50' Roll

## Vacuum and Windshield Washer Tubing



Meets SAE J1037 Type 2 Specifications  
EPDM Rubber

Part No.	I.D.	O.D.		Unit Pkg.
4453	7/64"	9/32"	Fits 1/8" Nipple	25'
4454	7/64"	9/32"	Fits 1/8" Nipple	50'
4456	5/32"	5/16"	Fits 3/16" Nipple	25'
4457	5/32"	5/16"	Fits 3/16" Nipple	50'
4459	7/32"	13/32"	Fits 1/4" Nipple	25'
4460	7/32"	13/32"	Fits 1/4" Nipple	50'
4462	9/32"	15/32"	Fits 5/16" Nipple	25'
4463	9/32"	15/32"	Fits 5/16" Nipple	50'

For a complete listing of Barbed Brass Fittings see page 238.

## TUBING

### Electronic Fuel Injection Hose



Meets or exceeds SAE 30R9 specifications. Quality fluoroelastomer tube and CM cover handles virtually every fuel on the market. Burst strength exceeds 900 PSI. 180 PSI working pressure

Use with

Part No.	Size	Clamp No.	Unit Pkg.
19271	1/4" I.D. x 1/2" O.D.	15860	10 ft.
19272	5/16 I.D. x 9/16" O.D.	15861	10 ft.
19273	3/8" I.D. x 5/8" O.D.	15862	10 ft.



### Fuel Line Hose

*Not for Electronic Fuel Injection*

Meets the following O.E.M. Specifications:  
GM: 6165-M • SAE J30R7 • Chrysler MSEA219

Fuel Line Hose is of the highest quality and meets all O.E.M. specifications. It has a special chemical resistant interior, a single braid, and a neoprene exterior for maximum life and durability. For temperature range from -29°F to 257°F.

Hose is designed for gas and diesel fuel lines (except Electronic Fuel Injection), emission control devices, and crankcase ventilation. In addition to the automotive applications, this hose is widely used on lawn mowers, marine motors, tractors and construction equipment to mention only a very few.

Part No.	Size	Working Pressure	Unit Pkg.
17085	3/16" I.D. x 13/32" O.D.	50 PSI	25'
4464	1/4" I.D. x 1/2" O.D.	50 PSI	25'
4465	1/4" I.D. x 1/2" O.D.	50 PSI	50'
4466	5/16" I.D. x 9/16" O.D.	50 PSI	25'
4467	5/16" I.D. x 9/16" O.D.	50 PSI	50'
4468	3/8" I.D. x 5/8" O.D.	35 PSI	25'

For a complete listing of Barbed Brass Fittings see page 292.

### 20900 Hose Cutter



Razor sharp blade cleanly cuts heater hoses, fuel line hoses and any other type of flexible hose up to 1-1/4" diameter. The stainless steel blade is reversible for double the life. The pliers are made of glass-filled gray nylon for strength. Includes a locking hoop for safe storage. Overall length: 9-1/2"

UNIT PACKAGE: 1