






FUEL LINE HOSE

(Not For Electronic Fuel Injection)

Designed for use on all types of gasoline engines. Gives years of service for automobiles, trucks, marine engines, etc. Vapor emission properties are excellent for applications where petroleum vapors and blow-by gases are recirculated.

Meets the following O.E.M. Specifications: (SAE30R7) (GM: 6165-M) and (Chrysler: MSEA219)

Packaged on 25 Ft. spools

	1/4" I.D. 4105		3/8" I.D. 4107
	5/16" I.D. 4106		



ELECTRONIC FUEL INJECTION HOSE

Hypalon/Polyester (.030" thick) lined hose is impervious to emission and fuel penetration. Can be used with virtually all types of fuels and on all fuel systems.

Meets or exceeds performance requirements of: Chrysler MSEA 235, General Motors GM6163M, Ford ESEM2D325A, and SAE J30R9.

Boxed in 10 Ft. coils

Product Number	I.D.	O.D.	Unit Pkg.
4125	5/16"	9/16"	10 Ft.
4130	3/8"	5/8"	10 Ft.






VACUUM & WINDSHIELD WASHER TUBING

Ideal for windshield washer and engine vacuum applications.

Meets SAE J1037 Type 2 Specifications.

Packaged on 50 Ft. Spools.

	7/64" I.D. x 50 Ft. 4115		5/32" I.D. x 50 Ft. 4116		7/32" I.D. x 50 Ft. 4117
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PREMIUM QUALITY BLACK HEATER HOSE

This O.E.M. grade EPDM hose withstands the abuse of corrosive additives, heat, cold, weather and abrasion. For today's harsh engine compartment environments.

Manufactured to meet or exceed O.E.M. Specifications SAE20R3.



1/2" I.D. x 50 Ft.



5/8" I.D. x 50 Ft.



3/4" I.D. x 50 Ft.

HOSES / NYLON CONNECTORS



TRANSMISSION OIL COOLER HOSE

A special hose for circulating transmission fluid at high temperatures. The tube and cover are designed to meet OEM and SAE J1532 performance requirements. Features a polyester reinforcement for high burst protection. Will withstand fluid temperatures up to 257°F and is resistant to fuel, ozone, oil, grease and heat aging.

Prod No. **4133** 5/16" inside dia. x 25 ft. Box Qty. 1
 Prod No. **4135** 3/8" inside dia. x 25 ft. Box Qty. 1



POWER STEERING RETURN HOSE

Built of high quality nitrile tube to resist power steering fluid. Polyester reinforcement for high burst strength. Neoprene cover provides moderate oil resistance and good weather, ozone and abrasion resistance for long service life.
FOR RETURN SIDE ONLY.

Prod No. **4140** 3/8" inside dia. x 25 feet Box Qty 1



410000
 354400, 384042, 4241054
 Nylon "4-Way" Connector
 3/16" All Ends
 Box Qty. 5



410001
 10003617, 22508052, 383031,
 3236813
 Nylon "Y" Connector
 3/16" All Ends
 Box Qty. 25



410002
 10004121, 4019472, 4006848
 Nylon "Y" Connector
 1/4" All Ends
 Box Qty. 15



410003
 4179982
 Nylon "Y" Connector
 5/16" All Ends
 Box Qty. 15

NYLON VACUUM CONNECTORS



High Density Polyethylene T-Type Hose Connectors
Barbed on all sides

Product Number	Hose Size	Box Qty.
410110	..... 1/8" x 1/8" x 1/8"	10
410070	..... 5/32" x 5/32" x 5/32"	10
410080	..... 3/16" x 3/16" x 3/16"	10
410090	..... 1/4" x 1/4" x 1/4"	10
410111	..... 5/16" x 5/16" x 5/16"	10
410220	..... 3/8" x 3/8" x 3/8"	10
410230	..... 1/2" x 1/2" x 1/2"	10



High Density Polyethylene Hose Connectors
Barbed on all sides

Product Number	Hose Size	Box Qty.
410010	..... 1/8" x 1/8"	10
410020	..... 3/16" x 3/16"	10
410030	..... 1/4" x 1/4"	10
410040	..... 5/16" x 5/16"	10
410045	..... 3/8" x 3/8"	10
410046	..... 1/2" x 1/2"	10



High Density Polyethylene Reducer Hose Connectors
Barbed on all sides

Product Number	Hose Size	Box Qty.
410050	..... 1/4" x 3/16"	10
410060	..... 3/8" x 1/4"	10



410105
Universal Tubing Connector
Break-Off Type, Butyrate Plastic
For use with Vacuum & Windshield Washer Tubing
Not For Use In Fuel Line.
Box Qty. 5



410100
3-Way
Universal Tubing Connector Break-Off Type Butyrate Plastic, For use with Vacuum & Windshield Washer Tubing
Not For Use In Fuel Line.
Box Qty. 5



High Density Polyethylene Reducer Hose Connectors
Barbed on all sides

Product Number	Hose Size	Box Qty.
410120	..... 3/8" x 3/8"	10



410015
Nylon Tubing Connector
1/8" x 1/8"
General Motors, Ford, Chrysler and General Purpose.
Box Qty. 10



410085
Nylon Tubing Connector
3-Way Type
3/16" x 3/16" x 1/8"
Box Qty. 10



410130
4-Way Nylon Tubing Connector
3/16" on All Ends
Box Qty. 25



Rubber Caps
(Special Heat Resistant Material)
Can be used for capping lines and hoses while testing Vacuum, Fuel, and Emission Control Systems.

Product Number	Tube Size	Box Qty.
410160	..... 1/8"	50
410170	..... 3/16"	25
410190	..... 1/4"	25
410200	..... 5/16"	25
410210	..... 3/8"	25
410211	..... 1/2"	10

HOSE CLAMPS

HOSE CLAMPS

5/16" (1/4" for Mini's) slotted hex head
 Housing: Plated carbon steel
 Band: 200 stainless steel.

MADE IN THE USA!



Product Number	Ind. Std. Number	Clamp Range (Min-Max)		Band Width	Box Qty.
		Inches	mm		
54004	#4-MINI	5/16" to 5/8"	8 - 16mm	5/16"	10
54006	#6-MINI	5/16" to 7/8"	8 - 22mm	5/16"	10
54106	#6	7/16" to 1"	10 - 22mm	1/2"	10
54108	#8	7/16" to 29/32"	11 - 25mm	1/2"	10
54110	#10	1/2" to 1-1/16"	13 - 27mm	1/2"	10
54112	#12	1/2" to 1-1/4"	13 - 32mm	1/2"	10
54116	#16	11/16" to 1-1/2"	18 - 38mm	1/2"	10
54120	#20	3/4" to 1-3/4"	19 - 44mm	1/2"	10
54124	#24	1" to 2"	25 - 51mm	1/2"	10
54128	#28	1-1/4" to 2-1/4"	32 - 57mm	1/2"	10
54132	#32	1-1/2" to 2-1/2"	38 - 63mm	1/2"	10
54136	#36	3/4" to 2-3/4"	19 - 70mm	1/2"	10

Also Available: **#222540** Standard Hose Clamp Assortment - 10 Items, 100 pieces

Contains #54004, #54006, #54106, #54110, #54112, #54120, #54124, #54128, #54132, #54136 and #99925 Hose Clamp Rack

ALL STAINLESS STEEL HOSE CLAMPS

300 Stainless Steel, 5/16" Slotted Hex
 Made In U.S.A.



Product Number	Ind. Std. Number	Clamp Range (Min-Max)		Band Width	Box Qty.
		Inches	mm		
54504*	#4	7/32" to 5/8"	5.6 - 16mm	5/16"	10
54506*	#6	7/16" to 25/32"	11 - 20mm	5/16"	10
54510	#10	9/16" to 1-1/16"	14 - 27mm	1/2"	10
54512	#12	11/16" to 1-1/4"	17 - 32mm	1/2"	10
54516	#16	13/16" to 1-1/2"	21 - 38mm	1/2"	10
54520	#20	13/16" to 1-3/4"	21 - 44mm	1/2"	10
54524	#24	1-1/16" to 2"	27 - 51mm	1/2"	10
54528	#28	1-5/16" to 2-1/4"	33 - 57mm	1/2"	10
54532	#32	1-9/16" to 2-1/2"	40 - 64mm	1/2"	10

* 1/4" Slotted Hex

TYPE "G" MINIATURE HOSE CLAMPS

Zinc & Black Dichromate



Prod Number	Clamp Range (Min-Max)		Band Width	Box Qty.
	Inches	mm		
54200	7/16"-1/2"	10.5 - 13mm	11/32" (9mm)	10
54201	1/2"-19/32"	12.5 - 15mm	11/32" (9mm)	10
54203	17/32"-5/8"	13.5 - 16mm	11/32" (9mm)	10

HOSE / MUFFLER CLAMPS

EUROPEAN STYLE HOSE CLAMPS



DIN3017

Stainless Steel Band & Housing
Zinc & Yellow Steel Screw

Unique offset non-welded design of the housing provides resistance to over-tightening damage to the hose. The short housing saddle gives a smooth underside ensuring high sealing efficiency. These clamps are original equipment on both domestic and import vehicles. They are particularly suited for fuel, vacuum, water, emission and heater hoses and can be used with silicone hoses.

Product Number	Clamp Range (Min-Max)		Hex Size	Band Width	Box Qty.
	Inches	mm			
54300	5/16"-1/2"	8-12mm	6mm*	8mm (5/16")	10
54302	3/8"-5/8"	10-16mm	6mm*	8mm (5/16")	10
54304	1/2"-3/4"	12-18mm	6mm*	8mm (5/16")	10
54306	5/16"-5/8"	8-12mm	6mm	9mm (11/32")	10
54308	1/2"-3/4"	12-20mm	6mm	9mm (11/32")	10
54310	5/8"-1"	16-25mm	6mm	9mm (11/32")	10
54312	3/4"-1-1/4"	20-32mm	6mm	9mm (11/32")	10
54314	1"-1-5/8"	25-40mm	6mm	9mm (11/32")	10
54316	1-3/16"-1-3/4"	30-45mm	6mm	9mm (11/32")	10
54318	1-1/4"-2"	32-50mm	6mm	9mm (11/32")	10
54320	1-5/8"-2-3/8"	40-60mm	6mm	9mm (11/32")	10
54322	1-31/32"-2-3/4"	50-70mm	6mm	9mm (11/32")	10
54324	2-3/8"-3-1/8"	60-80mm	6mm	9mm (11/32")	10
54326	2-3/4"-3-9/16"	70-90mm	6mm	9mm (11/32")	10

* Phillips Hex Drive



These muffer clamp saddles are made of heavy gauge steel. The U-Bolts come in either 5/16" (standard) or 3/8" (heavy duty). One per box.

STANDARD CLAMPS

Prod. No.	Size	Thread
55112	1-1/2"	5/16-18
55134	1-3/4"	5/16-18
55178	1-7/8"	5/16-18
55200	2"	5/16-18
55214	2-1/4"	5/16-18
55212	2-1/2"	5/16-18

HEAVY DUTY CLAMPS

Prod. No.	Size	Thread
56178	1-7/8"	3/8-16
56200	2"	3/8-16
56218	2-1/8"	3/8-16
56214	2-1/4"	3/8-16
56212	2-1/2"	3/8-16



56100

Universal Tail Pipe Hanger
For all cars and trucks using
1-1/2" to 2" O.D.
Tail-Pipes
Box Qty. 1