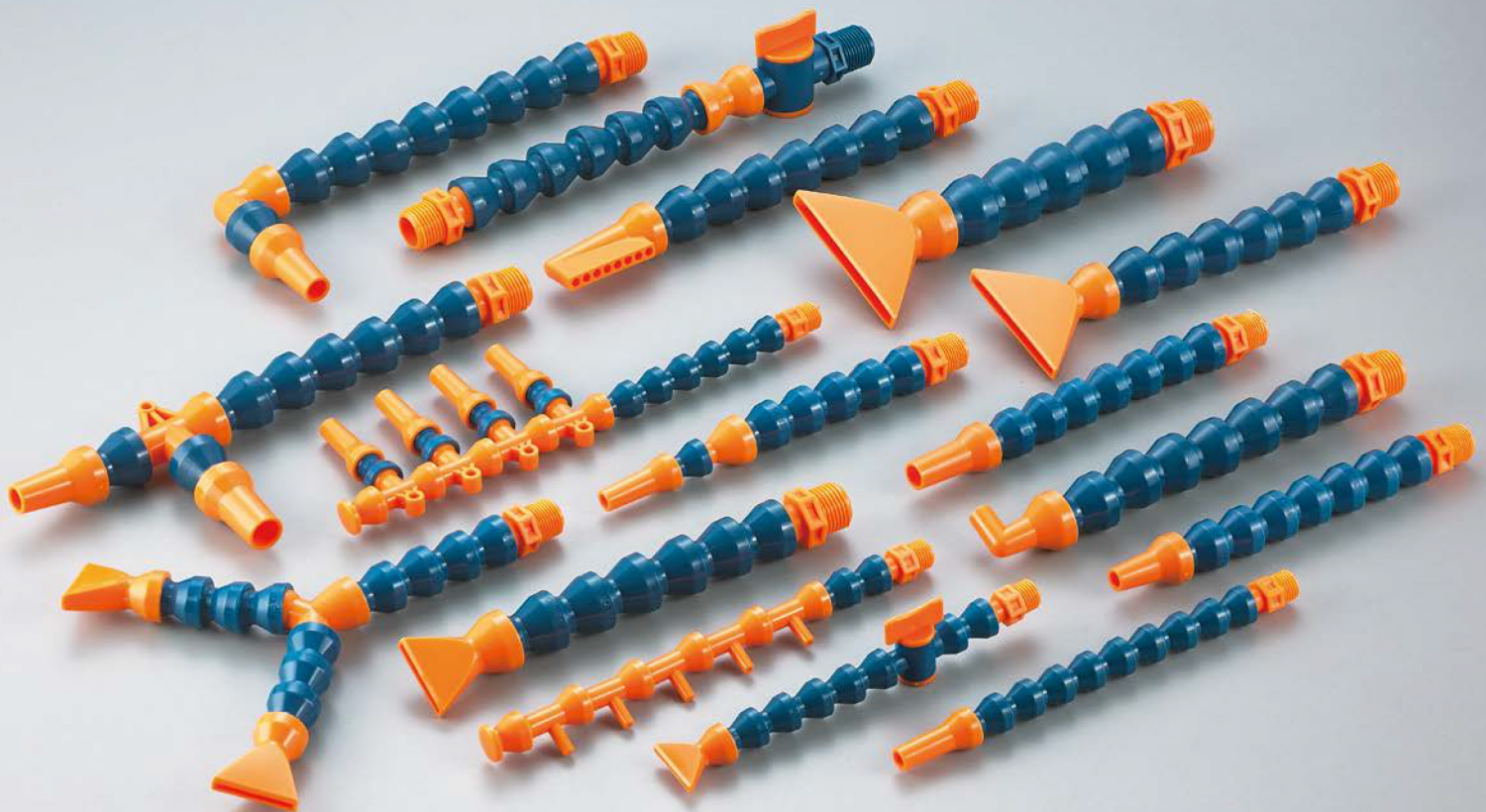


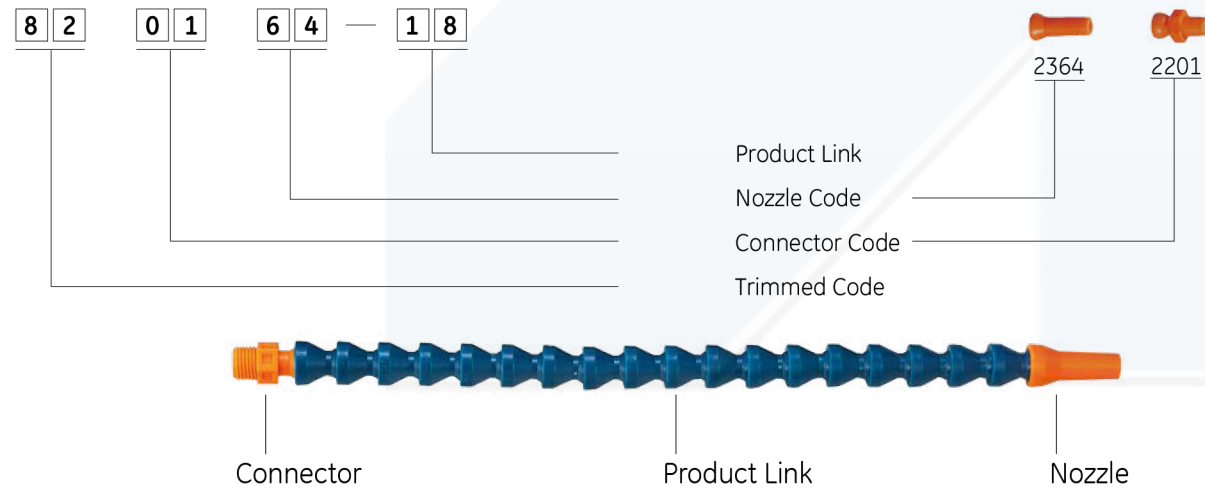
Adjustable Coolant Hoses

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- 2 Calculation method of the Adjustable coolant hoses combined length
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Adjustable coolant hoses: engineering plastic cooling pipe. It is a combination guidance system of liquid and gas media. The pressure can reach 0.5Mpa. It is made of high quality engineering plastics, its various sections made use of precision injection molding process, and contact surface of all connective nodes is made used of high injection molding technology after precise calculation. Adjustable coolant hoses have excellent sealing only on its own contact surface and without any catheter. Its closely contact enough to guarantee that coolant hose is always keep its initial position unchanged under the impact of high pressure water. Adjustable coolant hose is in the true sense of modular structure, it not only can use either increase or decrease link number, but also can be added switch in each links according to need with different connection and water outlet. Adjustable coolant hoses is made of DuPont POM. Its water mouth has a round nozzle, flat nozzle, porous flat nozzle and large diameter round nozzle. Its connector is threaded through connector, switch connector and fixed connector. All these can be assembled according to customer demand.

Adjustable coolant hoses Article No.



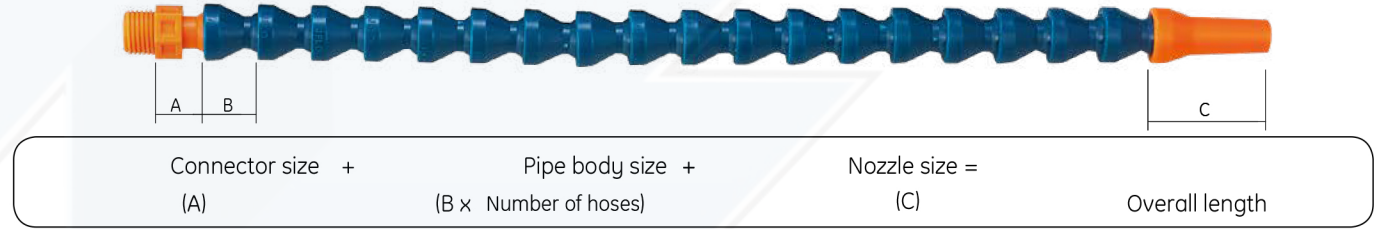
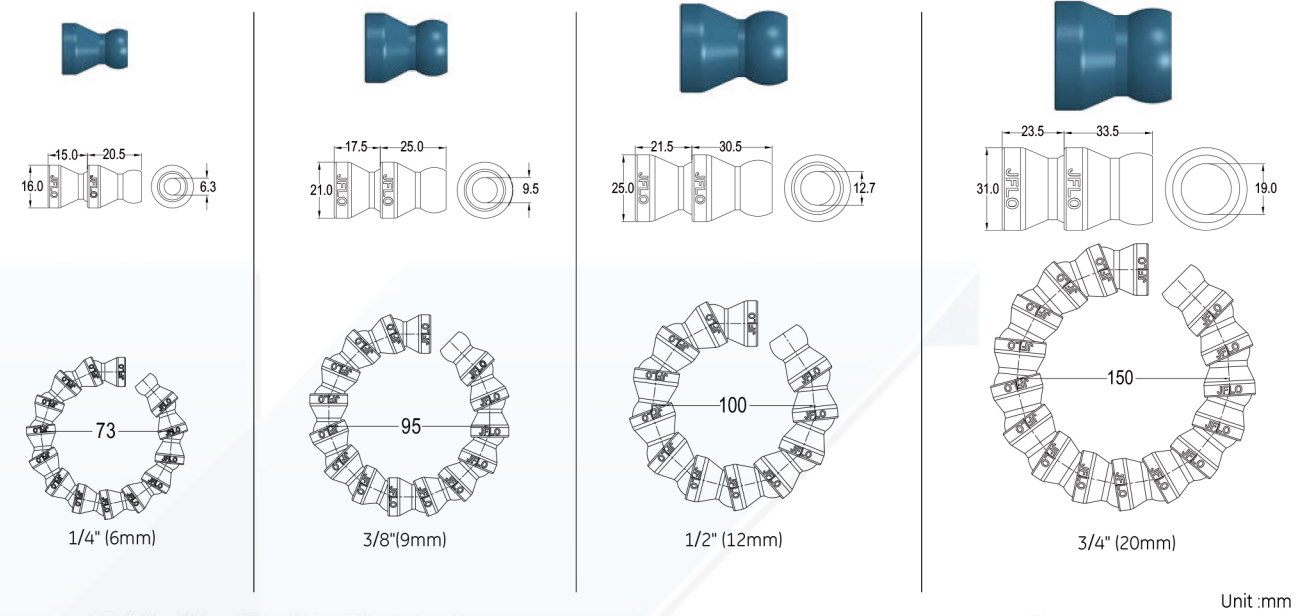
Introductions:

- a) Trimmed code, refers to the inner diameter of the products, eg: inner diameter is 1/4", the code of parts is 82...
- b) connector code, refers to the number (01~30) of connector with parts, eg:2201 the connector code is 01...
- c) Nozzle code, refers to the number (51~99) of nozzle voith parts, eg: 2364 the round nozzle code is 64...
- d) Product link, refers to the link number of the pipe body, not included connector and nozzle.
- e) If you have special requirements for color and thread, please note.



Product Specification	
Size	Code
1/4"	82
3/8"	83
1/2"	84
3/4"	86

Note: Non-standard threads and product color can be customized according to customer requirements.



- 1/4" 10.0mm + 15.0mm x Number of hoses + 35.0mm = Overall length
- 3/8" 12.5mm + 17.5mm x Number of hoses + 39.5mm = Overall length
- 1/2" 14.5mm + 21.5mm x Number of hoses + 38.0mm = Overall length
- 3/4" 14.0mm + 23.5mm x Number of hoses + 43.0mm = Overall length

Characteristic hose pipe pressure and flow

Description	Applicable	Inapplicable	Description	Applicable	Inapplicable
Ethanol	○		Pesticide	○	
Acetone	○		Brake oil	○	
Detergent	○		Acid		X
gasoline	○		Strong base		X
Lube	○		Ammonia kind of peroxide		X
Alcohol	○		Hypochloric acid		X
Mineral oil	○		Sodium hypochlorite		X
Sodium hydroxide	○				

Adjustable coolant hoses assembling

With a special pliers, we can dismount and assemble curved pipe simply.



Characteristic hose pipe pressure and flow

Size	Recommended operating pressure	Flow
1/4" Serise	2.0~3.0 kg/cm ²	900 L/ H
3/8" Serise	2.0~3.0 kg/cm ²	1500 L/ H
1/2" Serise	1.4~2.0 kg/cm ²	1700 L/ H
3/4" Serise	0.7~1.4 kg/cm ²	1900 L/ H

1/4" Series



Code	Name	Color card no.
C1	Azure blue	 RAL 5009
C2	Bright red orange	 RAL 2008

Connector	Adaptor	Nozzle
2201 1/4" Male connector G Screw thread(Default), PT/NPT(Optional)	2431 1/4" Y Fitting	2355 1/4" DI Flat nozzle Φ1 × 11L
2202 1/8" Male connector G Screw thread(Default), PT/NPT(Optional)	2432 1/4" Double Socket	2356 1/4" DI Flat nozzle Φ1.5 × 11L
2206 1/4" Male Valve G Screw thread(Default), PT/NPT(Optional)	2433 1/4" Extend Element Kit with Element Clamp	2362 1/16" Round nozzle Φ1.6
2207 1/4" Male Valve G Screw thread(Default), PT/NPT(Optional)	2101 1/4" Extend Element Kit with Element Clamp	2363 1/8" Round nozzle Φ3.2
82400 1/4" Manifold set 2442 1PCS 2437 3PCS 2434 1PCS	2434 1/4" Elbow Fitting	2364 1/4" Round nozzle Φ6.3
82410 1/4" Main control manifold set 2442 1PCS 2437 3PCS 2434 1PCS 2438 5PCS	2435 1/4" T Fitting	2365 1/16" Right angle round nozzle Φ1.6
82501 1/4" Simple Pliers	2436 1/4" End Cap	2366 1/8" Right angle round nozzle Φ3.2
	2437 1/4" T Fitting	2367 1/4" Right angle round nozzle Φ6.3
	2445 1/4" Connection valve	2368 1/4" Right angle porous nozzle Φ2.5 × 6
	2438 1/4" Connection valve	2369 3/8" Flare Nozzle Φ1.3 × 7L
	2439 1/4" In-line check	2370 1" Flare Nozzle Φ1.7 × 25L
	2442 1/4" Brackets	2357 1/4" Porous flat nozzle Φ1 × 7
		2358 1/4" Porous flat nozzle Φ1.5 × 5
		2371 1/4" Swivel Nozzle Φ1 × 16
		2372 1/4" Swivel Nozzle Φ1.5 × 16

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3/8" Series

Code	Name	Color card no.
C1	Azure blue	 RAL 5009
C2	Bright red orange	 RAL 2008

Connector	Adaptor	Nozzle
3201 3/8" Male connector G Screw thread(Default), PT/NPT(Optional)	3431 3/8" Y Fitting	3362 1/4" Round nozzle Φ6.3
3202 1/2" Male connector G Screw thread(Default), PT/NPT(Optional)	3432 3/8" Double Socket	3363 3/8" Round nozzle Φ9.6
3203 1/4" Male connector G Screw thread(Default), PT/NPT(Optional)	3440 3/8" to 1/4" Adapter	3364 1/2" Round nozzle Φ12
3206 3/8" Male Valve G Screw thread(Default), PT/NPT(Optional)	3445 3/8" Connection valve	3369 1-1/4" Flare Nozzle Φ3.2 × 32L
3207 3/8" Male Valve G Screw thread(Default), PT/NPT(Optional)	3438 3/8" Connection valve	
83501 3/8" Simple pliers	3439 3/8" In-line check	

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Note: Non-standard threads and product color can be customized according to customer requirements.

Note: Non-standard threads and product color can be customized according to customer requirements.

DI Note: "DI" indicates that Direct Injection
DF "DF" indicates that Direct Flow

1/2" Series

Code	Name	Color card no.
C1	Azure blue	 RAL 5009
C2	Bright red orange	 RAL 2008

Connector	Adaptor	Nozzle
4201 1/2" Male connector G Screw thread(Default), PT/NPT(Optional)	4431 1/2" Y Fitting	4369 1-1/4" Flare Nozzle Φ4.5 × 32L
4202 3/8" Male connector G Screw thread(Default), PT/NPT(Optional)	4432 1/2" Double Socket	4320 1-3/4" Flare Nozzle Φ4.5 × 44.5L
4206 1/2" 外牙开关组 G 螺纹 (默认), PT/UNF (选配) 1/2" Male Valve G Screw thread(Default), PT/UNF(Optional)	4433 1/2" Extend Element Kit with Element Clamp	4371 2-1/2" Flare Nozzle Φ3.5 × 63.5L
4207 1/2" Male Valve G Screw thread(Default), PT/NPT(Optional)	4101 1/2" DI Flat nozzle	4355 1/2" DI Flat nozzle Φ2.1 × 18L
54400 1/2" Manifold set 4442 1PCS 4437 3PCS 4434 1PCS	4434 1/2" Elbow Fitting	4356 1/2" DI Flat nozzle Φ3.3 × 18L
54410 1/2" Main control manifold set 4442 1PCS 4437 3PCS 4434 1PCS 4438 5PCS	4435 1/2" Side Flow Nozzle	4360 1-1/4" DI Flat nozzle Φ4.2 × 30.5L
84501 1/2" Simple pliers	4437 1/2" T Fitting	4361 1-5/8" DF Flat nozzle Φ3.1 × 41L
	4445 1/2" Connection valve	4374 1-1/4" DI Flat nozzle Φ1.7 × 30L
	4438 1/2" Connection valve	
	4439 1/2" In-line check	
	4442 1/2" Brackets	
	4443 1/2" to 3/8" Adapter	
	4436 1/2" End Cap	

Note: Non-standard threads and product color can be customized according to customer requirements.


Note: "DI" indicates that Direct Injection
"DF" indicates that Direct Flow

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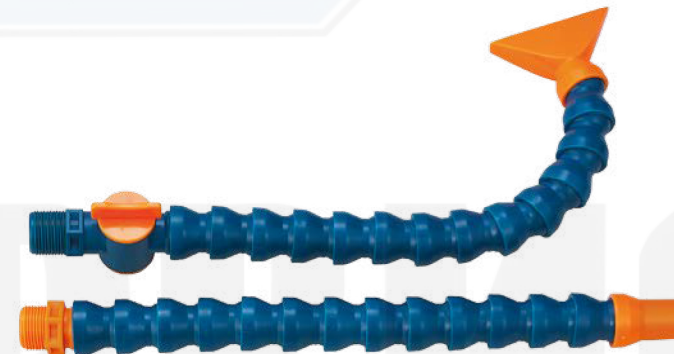
3/4" Series

Code	Name	Color card no.
C1	Azure blue	 RAL 5009
C2	Bright red orange	 RAL 2008

Connector	Adaptor	Nozzle
6201 3/4" Male connector G Screw thread(Default), PT/NPT(Optional)	6431 3/4" Y Fitting	6362 5/8" Round nozzle Φ16
6206 3/4" Male Valve G Screw thread(Default), PT/NPT(Optional)	6440 3/4" to 1/2" Adapter	6363 3/4" Round nozzle Φ19.5
6207 3/4" Male Valve G Screw thread(Default), PT/NPT(Optional)	6432 3/4" Double Socket	6369 3" Flare Nozzle Φ4.8 × 76.2L
6209 3/4" Fixed connector	6445 3/4" Connection Valve	
6210 3/4" Magnetic Base	6438 3/4" Connection Valve	
86501 3/4" Simple pliers		

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Note: Non-standard threads and product color can be customized according to customer requirements.