

techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Hose, Couplings, Ducting & Hose Reels

Modular Coolant Systems

MODULAR COOLANT HOSE SYSTEMS



Compatibility:

Suitable for use with acetone, alcohol, ethyl, greases, oils, commercial dish detergents, gasoline, lacquer solvents and sodium hydroxide. Not for use with chlorine, acids, ammonium hydroxide, bases (strong), hypochlorite ion solutions or sodium hypochlorite.

Material: Polyoxymethylene (POM).

Recommended Maximum Line Pressure: 20-30 psi.

Recommended Maximum Flow Rate: 1,800 litres per hour.

Interchangeable with: Loc-Line.

Maximum Operating Temperature: +76°C

Repeated exposure to this temperature will cause fatigue.

Features:

- Unique ball and socket design, fully hand-adjustable in both position and length
- Will not kink or fatigue; bending does not decrease the inside diameter
- Will not damage machine tool cutters if contact occurs, unlike metal hoses
- Electrically non-conductive; ideal for EDM flushing
- No internal positioning rod that can break or restrict fluid flow
- Stays in position; repeated positioning is easy
- Creep due to machine vibration is eliminated

1/4" Series



Round Nozzles

0518	Nozzle Hole Size
28015	1/16"
28016	1/8"
28017	1/4"

Tech Sheet 68071



Flat Nozzle

0518	Nozzle Hole Size
28027	Size 60

Tech Sheet 68071



Swivel Nozzle

0518	Nozzle Hole Size
28029	Size 40

Tech Sheet 68071



90° Round Nozzles

0518	Nozzle Hole Size
28019	1/16"
28020	1/8"
28021	1/4"

Tech Sheet 68071



Flare Nozzle

0518	Nozzle Hole Size
28028	1"

Tech Sheet 68071



Male Connectors, NPT

0518	Thread
28032	1/8"
28033	1/4"

Tech Sheet 68071



90° Spray Bar Nozzle

0518	Nozzle Hole Size
28022	Size 60

Tech Sheet 68071



For Tufcut Metal Cutting Lubricant see page 1575

MODULAR COOLANT HOSE SYSTEMS



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1/4" Series



Y Connector

0518

28034

Tech Sheet 68071



90° Elbow Connector

0518

28035

Tech Sheet 68071



Valve, In-line

0518

28043

Tech Sheet 68071



T Connector

0518

28036

Tech Sheet 68071



Valve, Tube x Male, NPT

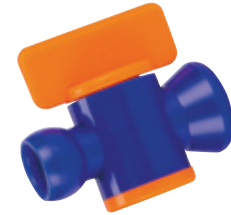
0518

28049

Tech Sheet 68071

Thread

1/4"



Check Valve, In-line

0518

28051

Tech Sheet 68071



End Cap

0518

28038

Tech Sheet 68071



Valve, Tube x Female, NPT

0518

28050

Tech Sheet 68071

Thread

1/4"

RIDGID



You might also need...
**RIDGID PC 116 Powered
Tubing Cutter**
...see page 1743

MODULAR COOLANT HOSE SYSTEMS



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Material: Polyoxymethylene (POM).

Recommended Maximum Line Pressure:
20-30 psi.

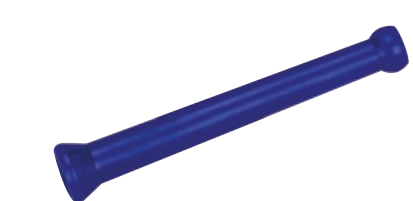
Recommended Maximum Flow Rate:
1,800 litres per hour.

Interchangeable with: Loc-Line.

Maximum Operating Temperature: +76°C

Repeated exposure to this temperature will cause fatigue.

1/4" Series



Extended Element

0518	Length mm
28011	90
Tech Sheet 68071	

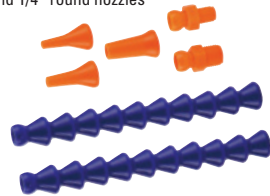


Hose Only Kit

0518	Quantity	Length mm
XS2001	4	150
Tech Sheet 68071		

Contents:

- 1 x 1/8" NPT male connector
- 1 x 1/4" NPT female connector
- 1 x 1/16", 1/8" and 1/4" round nozzles
- 280mm hose



Hose Assembly Pliers

0518
28008
Tech Sheet 68071



Extended Element Clamp

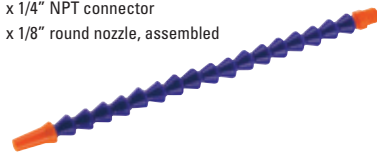
0518
28042
Tech Sheet 68071

Hose Kit

0518	Length mm
28003	300
Tech Sheet 68071	

Contents:

- 1 x 1/4" NPT connector
- 1 x 1/8" round nozzle, assembled



Circle Flow Nozzle Kit

0518	ID mm	Length mm
28013	92	446
Tech Sheet 68071		



Hose Coil

0518	Length Metres
28012	15.24
Tech Sheet 68071	

Hose Kit Assembly

0518	Length mm
28002	300
Tech Sheet 68071	

You might also need...



PPE
see pages 1752-1760



Compatibility:

Suitable for use with acetone, alcohol, ethyl, greases, oils, commercial dish detergents, gasoline, lacquer solvents and sodium hydroxide. Not for use with chlorine, acids, ammonium hydroxide, bases (strong), hypochlorite ion solutions or sodium hypochlorite.

Material: Polyoxymethylene (POM).

Recommended Maximum Line Pressure: 30 psi

Recommended Maximum Flow Rate: 2,150 litres per hour.

Interchangeable with: Loc-Line.

Maximum Operating Temperature: +76°C

Repeated exposure to this temperature will cause fatigue.

1/2" Series



Round Nozzles

0518	Nozzle Hole Size
48013	1/4"
48014	3/8"
48015	1/2"
Tech Sheet 68071	



Flare Nozzles

0518	Nozzle Hole Size
48026	1.1/4"
48027	2.1/2"
Tech Sheet 68071	



Male Connectors, NPT

0518	Thread
48030	3/8"
48031	1/2"
Tech Sheet 68071	



Flat Nozzle

0518	Nozzle Hole Size
48024	Size 80
Tech Sheet 68071	



Flat Holed Nozzles

0518	Nozzle
48022	5 Holes
48023	7 Holes
Tech Sheet 68071	



Y Connector

0518	
48032	
Tech Sheet 68071	



For **Reinforced PVC Braided Hose** see pages **1404-1405**



90° Elbow Connector

0518	
48034	
Tech Sheet 68071	

MODULAR COOLANT HOSE SYSTEMS



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Suitable for use with acetone, alcohol, ethyl, greases, oils, commercial dish detergents, gasoline, lacquer solvents and sodium hydroxide.
 Not for use with chlorine, acids, ammonium hydroxide, bases (strong), hypochlorite ion solutions or sodium hypochlorite.

Material: Polyoxymethylene (POM).

Recommended Maximum Line Pressure:
30 psi

Recommended Maximum Flow Rate:
2,150 litres per hour.

Interchangeable with: Loc-Line.

Maximum Operating Temperature:
+76°C

Repeated exposure to this temperature will cause fatigue.

1/2" Series



Valve, Tube x Male, NPT

0518	Thread
48041	1/2"
Tech Sheet 68071	



Valve, Tube x Female, NPT

0518	Thread
48042	1/2"
Tech Sheet 68071	



Valve, In-line

0518	
48043	
Tech Sheet 68071	



Hose Only Kit

0518	Quantity	Length mm
XS4001	4	150
Tech Sheet 68071		

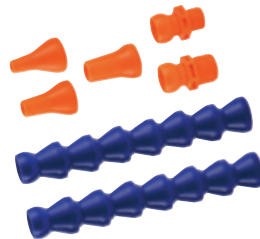


Hose Coil

0518	Length Metres
48010	15.24
Tech Sheet 68071	

Contents:

- 1 x 3/8" NPT male connector
- 1 x 1/2" NPT female connector
- 1 x 1/4", 3/8" and 1/2" round nozzles
- 280mm hose

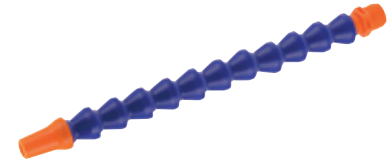


Hose Kit

0518	
48003	
Tech Sheet 68071	

Contents:

- 1 x 1/2" NPT connector
- 1 x 3/8" round nozzle, assembled



Hose Kit Assembly

0518	Length mm
48002	300
Tech Sheet 68071	



Hose Assembly Pliers

0518	
48006	
Tech Sheet 68071	



Extended Element Kit

0518	
48008	
Tech Sheet 68071	