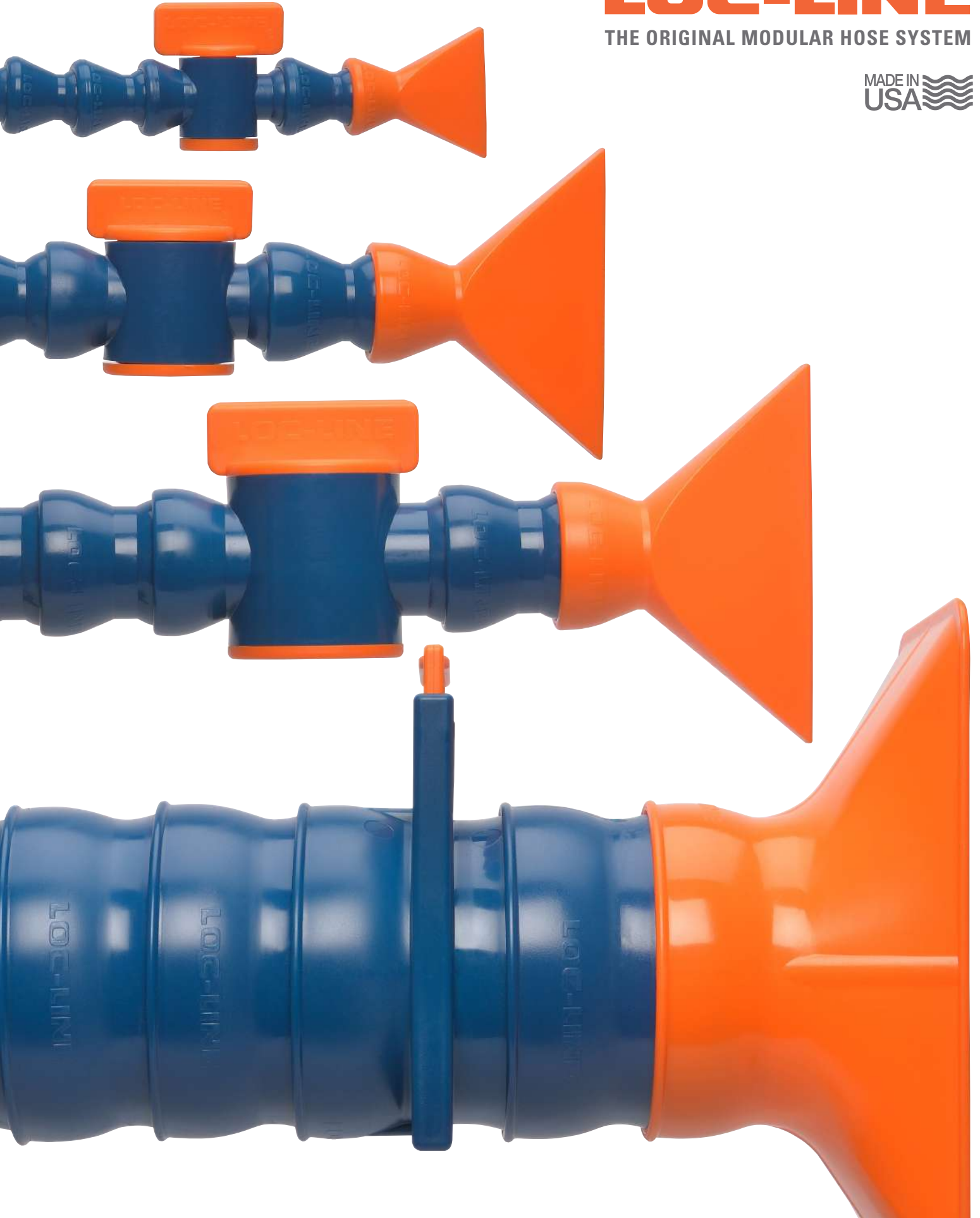


2019

LOC-LINE[®]

THE ORIGINAL MODULAR HOSE SYSTEM

MADE IN
USA 





LOC-LINE®

The original modular hose system.

Loc-Line® was the answer to an age old problem specific to the machine tool industry: How to easily apply liquid coolant at the point of contact with the cutting tool and the target metal.

The design was simple and elegant. A ball and socket assembly with just enough friction to create a hose that offered unlimited positioning, full coolant flow, would not fatigue, stayed in position and could be customized to the job. Loc-Line was and still is the number one coolant delivery answer for machinists across the globe. Over the years, the adjustable hose concept has expanded way beyond its first task of coolant delivery.

The Loc-Line® System: Endless Combinations, Outstanding Results

Continued growth has seen the use of Loc-Line expanding into the electronic, scientific, graphic arts and woodworking industries. Almost any situation that requires precise yet adjustable directional flow of fluid, air, vacuum and third arm positioning will find Loc-Line to be the perfect solution. With four hose diameters; 1/4", 1/2", 3/4" and 2½" to accommodate many applications and environments, our customers have become as varied as our hose combinations.



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1/4-INCH SYSTEM

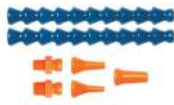
KITS

1/4" HOSE KIT

40413

- (2) 5/8" Long Segments
- (1) 1/4" Round Nozzle
- (1) 1/8" Round Nozzle
- (1) 1/16" Round Nozzle
- (1) 1/4" NPT Connector
- (1) 1/8" NPT Connector

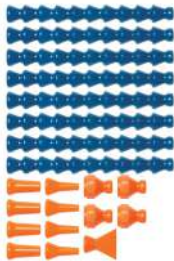
• Assembled Length = 13"



1/4" FLARED TUBING REPLACEMENT PACK

40452

- (8) 5/8" Long Segments
- (1) 1" Flare Nozzle
- (4) 3/8" Flare Nut Adapters
- (4) 1/8" Round Nozzles
- (4) 1/4" Round Nozzles



1/2" LATHE ADAPTER KIT

40475

- (4) 1/2" Short Adapters
- (4) 1/2" x 2" Adapters
- (2) Flat 5-Hole Nozzles
- (2) Flat Slot 60 Nozzles
- (2) 1/8" 90° Nozzles
- (2) 1/4" 90° Nozzles
- (2) 1/8" Round Nozzles
- (2) 1/4" Round Nozzles
- (2) Straight Flow Nozzles
- (4) Element Clamps w/ screws
- (8) Elements
- (1) 1/4" Assembly Pliers



15 MM LATHE ADAPTER KIT

40476

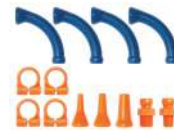
- (4) 15 mm Short Adapters
- (4) 15 mm x 2" Adapters
- (2) Flat 5 Hole Nozzles
- (2) Flat Slot 60 Nozzles
- (2) 1/8" 90° Nozzles
- (2) 1/4" 90° Nozzles
- (2) 1/8" Round Nozzles
- (2) 1/4" Round Nozzles
- (2) Straight Flow Nozzles
- (4) Element Clamps w/ screws
- (8) Elements
- (1) 1/4" Assembly Pliers



1/4" EXTENDED ELBOW KIT

40472

- (4) Extended Elbows
- (4) Element Clamps w/ screws
- (1) 1/8" NPT Connector
- (1) 1/4" NPT Connector
- (1) 1/16" Round Nozzle
- (1) 1/8" Round Nozzle
- (1) 1/4" Round Nozzle



1/4" MIXED ELEMENT KIT

40473

- (2) Extended Elbows
- (2) Extended Elements
- (4) Element Clamps w/ screws
- (1) 1/8" NPT Connector
- (1) 1/4" NPT Connector
- (1) 1/16" Round Nozzle
- (1) 1/8" Round Nozzle
- (1) 1/4" Round Nozzle



1/4" EXTENDED ELBOWS WITH CLAMPS

40474

- (4) Extended Elbows
- (4) Element Clamps w/ screws



1/4" EXTENDED ELEMENT KIT WITH CLAMPS

41475

- (4) 1/4" Extended Elements
- (4) 1/4" Element Clamps w/ screws



1/4" CIRCLE FLOW NOZZLE KIT

41479

- Assembled with:
- (15) 1/4" Side Flow Nozzles
- (1) 1/4" End Cap



Overall Length = 17.56"

1/4" PROSTREAM® NOZZLE KIT

42400

- (1) 5/8" Long Segments
- (1) ProStream® Nozzle 0.160"ø x 1.25"L
- (8) 1/4" Element Clamps w/ screws
- (1) 1/4" NPT Connector
- (1) 1/8" NPT Connector



! Regarding kit part numbers 40472, 40473, 40474, 40475, 40476 41475, and 42400 shown above:
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

HOSES

1/4" HOSE

41401

- (2) 5/8" Long Segments*

49420 **-BLK** **-G** **-W**
 (55) Segments*, Bulk 25-ft

49419 **-BLK** **-G** **-W**
 (1) 5 ft Coil

49421 **-BLK** **-G** **-W**
 (1) 50 ft Coil

*1 Segment = 10 Elements



1/4" EXTENDED ELEMENT

41476

- (4) Extended Elements

49445 **-BLK** **-G**
 (20) Extended Elements



1/4" EXTENDED ELBOW

41491

- (4) Extended Elbows




49457 **-BLK** **-G**
 (20) Extended Elbows



HOW TO ORDER BLACK, GRAY OR WHITE LOC-LINE:
 (Add suffix to part number when ordering, ie: **49421-BLK**)
-BLK Part can be ordered in Black, add suffix -BLK
-G Part can be ordered in Gray, add suffix -G
-W Part can be ordered in White, add suffix -W

CONNECTORS

1/8" NPT CONNECTOR

- 41405**  (4) NPT Connectors
- 49425**   -BLK  -G  -W (50) NPT Connectors



1/8" BSPT* CONNECTOR

- 41417**  (4) BSPT Connectors
- 49437**   -BLK  -G (50) BSPT Connectors



1/4" NPT CONNECTOR

- 41406**  (4) NPT Connectors
- 49426**   -BLK  -G  -W (50) NPT Connectors



1/4" BSPT* CONNECTOR

- 41418**  (4) BSPT Connectors
- 49438**   -BLK  -G (50) BSPT Connectors



3/8" SAE FLARE NUT ADAPTER

- 41412**  (4) Flare Nut Adapters
- 49432**   -BLK  -G (20) Flare Nut Adapters







1/4" SAE FLARE NUT ADAPTER

- 41414**  (4) Flare Nut Adapters
- 49434**   -BLK  -G (20) Flare Nut Adapters



15 MM "SHORT" LATHE ADAPTER

- 41492**  (4) Lathe Adapters
- 49458**   -BLK  -G (20) Lathe Adapters






15 MM X 2" LATHE ADAPTER

- 41493**  (4) Lathe Adapters
- 49459**   -BLK  -G (20) Lathe Adapters







1/2" "SHORT" LATHE ADAPTER

- 41494**  (4) Lathe Adapters
- 49460**   -BLK  -G (20) Lathe Adapters




1/2" x 2" LATHE ADAPTER

- 41495**  (4) Lathe Adapters
- 49461**   -BLK  -G (20) Lathe Adapters




NOZZLES

1/4" NOZZLE-RAMA PACK

- 41490**  (20) Includes 1 nozzle from each of these packages: 41402, 41403, 41404, 41407, 41460, 41461, 41462, 41463, 41470, 41471, 41472, 41473, 41481, 41482, 41483, 41484, 41485, 41486 41488, 41489




1/4" 90° NOZZLE KIT

- 41474**  (1) 1/16" 90° Nozzle
- (1) 1/8" 90° Nozzle
- (1) 1/4" 90° Nozzle
- (1) 1/4" 90° Spray Bar Nozz








1/4" FLAT NOZZLE ASSORTMENT PACK

- 41487**  (1) Flat Slot 40 Nozzle
- (1) Flat Slot 60 Nozzle
- (1) Flat 5 Hole Nozzle
- (1) Flat 7 Hole Nozzle








1/16" ROUND NOZZLE

- 41402**  (4) Round Nozzles
- 49422**   -BLK  -G  -W (50) Round Nozzles








1/8" ROUND NOZZLE

- 41403**  (4) Round Nozzles
- 49423**   -BLK  -G  -W (50) Round Nozzles



1/4" ROUND NOZZLE

- 41404**  (4) Round Nozzles
- 49424**   -BLK  -G  -W (50) Round Nozzles







1" FLARE NOZZLE

- 41407**  (2) Flare Nozzles
- 49427**   -BLK  -G (20) Flare Nozzles






1" STRAIGHT FLOW NOZZLE

- 41489**  (2) Straight Flow Nozzles
- 49456**   -BLK  -G (20) Straight Flow Nozzles







1/16" 90° NOZZLE

- 41470**  (4) 90° Nozzles
- 49439**   -BLK  -G (20) 90° Nozzles




1/8" 90° NOZZLE

- 41471**  (4) 90° Nozzles
- 49440**   -BLK  -G (20) 90° Nozzles



1/4" 90° NOZZLE

- 41472**  (4) 90° Nozzles
- 49441**   -BLK  -G (20) 90° Nozzles






1/4" 90° SPRAY BAR NOZZLE

- 41473**  (2) 90° Spray Bar Nozzles
- 49442**   -BLK  -G (20) 90° Spray Bar Nozzles



NOZZLES (continued)

3/32" 45° NOZZLE

- 41460**  (4) 3/32" 45° Nozzles
49470  **-BLK**  **-G**
 (20) 3/32" 45° Nozzles






1/8" 45° NOZZLE

- 41461**  (4) 1/8" 45° Nozzles
49471  **-BLK**  **-G**
 (20) 1/8" 45° Nozzles



3/16" 45° NOZZLE

- 41462**  (4) 3/16" 45° Nozzles
49472  **-BLK**  **-G**
 (20) 3/16" 45° Nozzles





1/4" 45° NOZZLE

- 41463**  (4) 1/4" 45° Nozzles
49473  **-BLK**  **-G**
 (20) 1/4" 45° Nozzles





1/4" FLAT SLOT 40 NOZZLE

- 41483**  (4) Flat Slot Nozzles
49451  **-BLK**  **-G**
 (20) Flat Slot Nozzles
 0.040" Slot height






1/4" FLAT SLOT 60 NOZZLE

- 41484**  (4) Flat Slot Nozzles
49452  **-BLK**  **-G**
 (20) Flat Slot Nozzles
 0.060" Slot height






1/4" FLAT 5-HOLE NOZZLE

- 41485**  (4) Flat 5-Hole Nozzles
49453  **-BLK**  **-G**
 (20) Flat 5-Hole Nozzles
 0.060" Hole diameter






1/4" FLAT 7-HOLE NOZZLE

- 41486**  (4) Flat 7-Hole Nozzles
49454  **-BLK**  **-G**
 (20) Flat 7-Hole Nozzles
 0.040" Hole diameter






1/4" SIDE FLOW NOZZLE

- 41478**  (4) Side Flow Nozzles
49443  **-BLK**  **-G**
 (20) Side Flow Nozzles






1/4" SWIVEL NOZZLE 40

- 41481**  0.040" Hole diameter
 (2) Swivel Nozzles
49449  **-BLK**  **-G**
 (20) Swivel Nozzle






1/4" SWIVEL NOZZLE 60

- 41482**  0.060" Hole diameter
 (2) Swivel Nozzles
49450  **-BLK**  **-G**
 (20) Swivel Nozzles






2 1/2" SWIVEL NOZZLE 75

- 41488**  0.075" Hole diameter
 (2) Swivel Nozzles
49455  **-BLK**  **-G**
 (20) Swivel Nozzles






PROSTREAM® NOZZLES

.062"Øx.50"L PROSTREAM® NOZZLE

- 41420**  (2) ProStream Nozzles
49480  **-BLK**  **-G**
 (10) ProStream Nozzles






.086"Øx.50"L PROSTREAM® NOZZLE

- 41421**  (2) ProStream Nozzles
49481  **-BLK**  **-G**
 (10) ProStream Nozzles






.117"Øx.50"L PROSTREAM® NOZZLE

- 41422**  (2) ProStream Nozzles
49482  **-BLK**  **-G**
 (10) ProStream Nozzles






.160"Øx.50"L PROSTREAM® NOZZLE

- 41423**  (2) ProStream Nozzles
49483  **-BLK**  **-G**
 (10) ProStream Nozzles






.062"Øx1.25"L PROSTREAM® NOZZLE

- 41424**  (2) ProStream Nozzles
49484  **-BLK**  **-G**
 (10) ProStream Nozzles






.086"Øx1.25"L PROSTREAM® NOZZLE

- 41425**  (2) ProStream Nozzles
49485  **-BLK**  **-G**
 (10) ProStream Nozzles






.117"Øx1.25"L PROSTREAM® NOZZLE

- 41426**  (2) ProStream Nozzles
49486  **-BLK**  **-G**
 (10) ProStream Nozzles



.160"Øx1.25"L PROSTREAM® NOZZLE

- 41427**  (2) ProStream Nozzles
49487  **-BLK**  **-G**
 (10) ProStream Nozzles



BALL ADAPTERS

10 MMØ X 1/4" LOC-LINE® BALL ADAPTER

- 41740** (2) Brass Ball Adapters
49740 (10) Brass Ball Adapters



12 MMØ X 1/4" LOC-LINE® BALL ADAPTER

- 41741** (2) Brass Ball Adapters
49741 (10) Brass Ball Adapters



14 MMØ X 1/4" LOC-LINE® BALL ADAPTER

- 41743** (2) Brass Ball Adapters
49743 (10) Brass Ball Adapters



15 MMØ X 1/4" LOC-LINE® BALL ADAPTER

- 41742** (2) Brass Ball Adapters
49742 (10) Brass Ball Adapters



12 MMØ X 1/8" NPT BRASS BALL ADAPTER

- 41498** (2) Brass Ball Adapters
49493 (10) Brass Ball Adapters



14 MMØ X 1/8" NPT BRASS BALL ADAPTER


- 41497** (2) Brass Ball Adapters
49495 (10) Brass Ball Adapters



15 MMØ X 1/8" NPT BRASS BALL ADAPTER





- 41496** (2) Brass Ball Adapters
49496 (10) Brass Ball Adapters



 Regarding Prostream Nozzles and Ball Adapters shown above:
 WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

VALVES

1/4" MALE NPT VALVE

- 21192**  (2) Male NPT Valves
- 29452**   -BLK  -G (10) Male NPT Valves







1/4" IN-LINE VALVE

- 21194**  (2) In-Line Valves
- 29454**   -BLK  -G (10) In-Line Valves





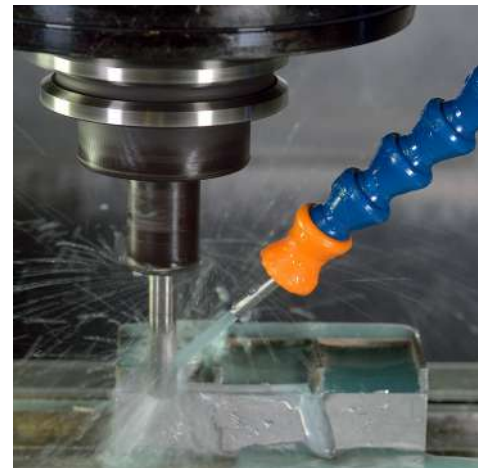
1/4" FEMALE NPT VALVE

- 21193**  (2) Female NPT Valves
- 29453**   -BLK  -G (10) Female NPT Valves



1/4" IN-LINE CHECK VALVE

- 21191**  (2) Check Valves
- 29451**   -BLK  -G (10) Check Valves







ACCESSORIES

1/4" ELEMENT CLAMP

- 41477**  (4) Element Clamps w/ screws
- 49446**   -BLK  -G (20) Element Clamps w/ screws



1/4" SOCKET X 1/8" FNPT

- 41411**  (4) 1/4" Socket X 1/8" FNPT
- 49431**   -BLK  -G (20) 1/4" Socket X 1/8" FNPT





1/4" END CAP

- 41480**  (4) End Caps
- 49447**   -BLK  -G (20) End Caps




1/4" Y

- 41408**  (2) Y's
- 49428**   -BLK  -G (20) Y's



1/4" ELBOW

- 41415**  (2) Elbows
- 49435**   -BLK  -G (20) Elbows





1/4" BRASS HOSE BARB

- 40488** (4) Brass Hose Barbs
- 49488** (10) Brass Hose Barbs



1/4" DOUBLE SOCKET

- 41409**  (4) Double Sockets
- 49429**   -BLK  -G (20) Double Sockets





1/4" T

- 41416**  (2) T's
- 49436**   -BLK  -G (20) T's



1/4" HOSE ASSEMBLY PLIERS

- 78001**  (1) 1/4" Pliers
- 78003**  (1) 1/4" Pliers
- (1) 1/2" Pliers



MANIFOLDS

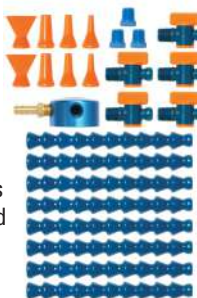
MAGNETIC BASE MANIFOLD

- 40400** (1) Magnetic Base Manifold
- (3) 1/4" Plugs
- (1) 1/4" Barb



MAGNETIC BASE MANIFOLD SUPER KIT

- 40480** (8) 5/8" Long Segments
- (5) 1/4" MNPT Valves
- (2) 1" Flare Nozzles
- (2) 1/4" Round Nozzles
- (2) 1/8" Round Nozzles
- (2) 1/16" Round Nozzles
- (1) Mag. Base Manifold
- (3) 1/4" Plugs
- (1) 1/4" Barb



1/4" MODULAR MANIFOLD

- 21199** (3) 1/4" T's
- (1) 1/4" Elbow
- (1) 1/4" Manifold Bracket
- (3) Mounting Screws



MAGNETIC BASE MANIFOLD KIT

- 40463** (2) 5/8" Long Segments
- (1) 1/4" MNPT Valve
- (1) 1" Flare Nozzle
- (1) 1/4" Round Nozzle
- (1) 1/8" Round Nozzle
- (1) 1/16" Round Nozzle
- (1) Mag. Base Manifold
- (3) 1/4" Plugs
- (1) 1/4" Barb



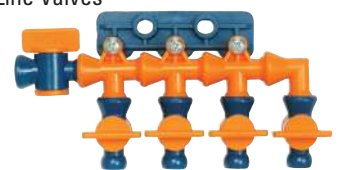
1/4" MODULAR MANIFOLD BRACKET

- 21195**  (2) Brackets



1/4" TOTAL FLOW CONTROL MANIFOLD

- 21198** (1) 1/4" Modular Manifold
- (5) 1/4" In-Line Valves



 Regarding Accessories part numbers 41477, 40488 and Manifolds part numbers 21195, 21198, 21199, 40400, 40463, 40480, 49446 shown above: **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov**

1/2-INCH SYSTEM

KITS

1/2" HOSE KIT

50813

- (2) 5½" Long Segments
- (1) 1/4" Round Nozzle
- (1) 3/8" Round Nozzle
- (1) 1/2" Round Nozzle
- (1) 3/8" NPT Connector
- (1) 1/2" NPT Connector

• Assembled Length = 13"



1/2" MIXED ELEMENT KIT

50873

- (1) 3/8" NPT Connector
- (1) 1/2" NPT Connector
- (1) 1/4" Round Nozzle
- (1) 3/8" Round Nozzle
- (1) 1/2" Round Nozzle
- (2) Extended Elbows
- (2) Extended Elements
- (4) Element Clamps w/ screws



1/2" EXTENDED ELBOWS WITH CLAMPS

50874

- (4) Extended Elbows
- (4) Element Clamps w/ screws



1/2" EXTENDED ELEMENT KIT W/ CLAMPS

51835

- (4) 1/2" Extended Elements
- (4) Element Clamps w/ screws



1/2" EXTENDED ELBOW KIT

50872

- (1) 3/8" NPT Connector
- (1) 1/2" NPT Connector
- (1) 1/4" Round Nozzle
- (1) 3/8" Round Nozzle
- (1) 1/2" Round Nozzle
- (4) Extended Elbows
- (4) Element Clamps w/ screws



1/2" CIRCLE FLOW NOZZLE KIT

51837

- Assembled with
- (15) 1/2" Side Flow Nozzles
- (1) 1/2" End Cap

• Overall Length = 24.375"



! Regarding kit part numbers 40472, 40473, 40474, 40475, 40476, 41475, and 42400 shown above: **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov**

HOSES

1/2" HOSE

51801

- (2) 5½" Long Segments

59860 **BLK** **G** **W**
(59) Segments, Bulk 25 ft

59859 **BLK** **G** **W**
(1) 5 ft Coil

59861 **BLK** **G** **W**
(1) 50 ft Coil

• 1 Segment = 6 Elements



1/2" EXTENDED ELEMENT

51833

- (4) Extended Elements

59883 **BLK** **G**
(20) Extended Elements



1/2" EXTENDED ELBOW

51896

- (4) Extended Elbows

59899 **BLK** **G**
(20) Extended Elbows



CONNECTORS

3/8" NPT CONNECTOR

51804

- (4) NPT Connectors

59864 **BLK** **G** **W**
(50) NPT Connectors



3/8" BSPT* CONNECTOR

51826

- (4) BSPT Connectors

59876 **BLK** **G**
(50) BSPT Connectors

* British Standard Pipe Thread



1/2" BSPT* CONNECTOR

51827

- (4) BSPT Connectors

59877 **BLK** **G**
(50) BSPT Connectors

* British Standard Pipe Thread



1/2" NPT CONNECTOR

51805

- (4) NPT Connectors

59865 **BLK** **G** **W**
(50) NPT Connectors



3/8" SAE FLARE NUT ADAPTER

51823

- (4) Flare Nut Adapters

59873 **BLK** **G**
(20) Flare Nut Adapters




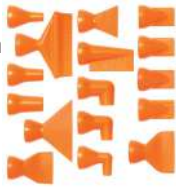
5/8 - 18 Thread

HOW TO ORDER BLACK, GRAY OR WHITE LOC-LINE:
(Add suffix to part number when ordering, ie: 49421-**BLK**)
BLK Part can be ordered in Black, add suffix -**BLK**
G Part can be ordered in Gray, add suffix -**G**
W Part can be ordered in White, add suffix -**W**

NOZZLES

1/2" NOZZLE-RAMA PACK

51849 
 (16) Includes 1 nozzle from each of these packages:
 51802, 51803, 51806, 51807, 51809, 51828, 51829, 51830, 51831, 51840, 51841 51842, 51843, 51845, 51847, 51848




1/2" 90° NOZZLE KIT

51832 
 (1) 1/4" 90° Nozzle
 (1) 3/8" 90° Nozzle
 (1) 1/2" 90° Nozzle
 (1) 1/2" 90° Spray Bar Nozzle









1/2" FLAT NOZZLE ASSORTMENT

51844 
 (1) Flat Slot 80 Nozzle
 (1) Flat Slot 125 Nozzle
 (1) Flat 5-Hole Nozzle
 (1) Flat 7-Hole Nozzle








1/4" ROUND NOZZLE FOR 1/2"

51806 
 (4) Round Nozzles
59866     
 (50) Round Nozzles









3/8" ROUND NOZZLE

51802 
 (4) Round Nozzles
59862     
 (50) Round Nozzles







1/2" ROUND NOZZLE

51803 
 (4) Round Nozzles
59863     
 (50) Round Nozzles








1/4" 90° NOZZLE

51828 
 (4) 90° Nozzles
59878    
 (20) 90° Nozzles






3/8" 90° NOZZLE

51829 
 (4) 90° Nozzles
59879    
 (20) 90° Nozzles



1/2" 90° NOZZLE

51830 
 (4) 90° Nozzles
59880   
 (20) 90° Nozzles



1/2" 90° SPRAY BAR NOZZLE

51831 
 (2) 90° Spray Bar Nozzles
59881   
 (20) 90° Spray Bar Nozzles



1/4" FLARE NOZZLE

51807 
 (2) Flare Nozzles
59867   
 (20) Flare Nozzles







2 1/2" FLARE NOZZLE

51809 
 (2) Flare Nozzles
59871   
 (20) Flare Nozzles



1/2" SIDE FLOW NOZZLE

51836 
 (4) Side Flow Nozzles
59889   
 (20) Side Flow Nozzles







2 1/2" SWIVEL NOZZLE 75 FOR 1/2"

51845 
 (2) Swivel Nozzles
59895   
 (20) Swivel Nozzles
 • .075" Hole diameter







1/4" STRAIGHT FLOW NOZZLE

51847 
 (2) Straight Flow Nozzles
59897   
 (20) Straight Flow Nozzles







1 1/2" STRAIGHT FLOW NOZZLE

51848 
 (2) Straight Flow Nozzles
59898   
 (20) Straight Flow Nozzles







1/2" FLAT SLOT 80 NOZZLE

51840 
 (4) Flat Slot Nozzles
59890   
 (20) Flat Slot Nozzles
 • .080" Slot height







1/2" FLAT SLOT 125 NOZZLE

51841 
 (4) Flat Slot Nozzles
59891   
 (20) Flat Slot Nozzles
 • .125" Slot height







1/2" FLAT 5-HOLE NOZZLE

51842 
 (4) Flat 5-Hole Nozzles
59892   
 (20) Flat 5-Hole Nozzles
 • .125" Hole diameter







1/2" FLAT 7 HOLE NOZZLE

51843 
 (4) Flat 7-Hole Nozzles
59893   
 (20) Flat 7-Hole Nozzles
 • .080" Hole diameter







VALVES

1/2" MALE NPT VALVE

- 32092**  (2) Male NPT Valves
39852   -BLK  -G (10) Male NPT Valves



1/2" FEMALE NPT VALVE

- 32093**  (2) Female NPT Valves
39853   -BLK  -G (10) Female NPT Valves







1/2" IN-LINE VALVE

- 32094**  (2) In-Line Valves
39854   -BLK  -G (10) In-Line Valves



1/2" IN-LINE CHECK VALVE

- 32091**  (2) Check Valves
39851   -BLK  -G (10) Check Valves






ACCESSORIES

1/2" ELEMENT CLAMP

- 51834**  (4) Element Clamps w/ screws
59884   -BLK  -G (20) Element Clamps w/ screws



1/2" END CAP

- 51838**  (4) End Caps
59885   -BLK  -G (20) End Caps



1/2" DOUBLE SOCKET

- 51811**  (4) Double Sockets
59872   -BLK  -G (20) Double Sockets



1/2" ELBOW

- 51824**  (2) Elbows
59874   -BLK  -G (20) Elbows



1/2" T

- 51825**  (2) T's
59875   -BLK  -G (20) T's




1/2" MAGNETIC BASE

- 51846**   -BLK  -G (1) Magnetic Base
 • 60 lb holding force







1/2" Y

- 51808**  (2) Y's
59868   -BLK  -G (20) Y's






1/2" TO 1/4" Y REDUCER

- 51822**  (2) Y Reducers
59870   -BLK  -G (20) Y Reducers







1/2" TO 1/4" REDUCER

- 51821**  (2) Reducers
59869   -BLK  -G (20) Reducers





1/2" FIXED MOUNT

- 51895**  (2) Fixed Mounts
59896   -BLK  -G (20) Fixed Mounts
 • Mounts with 1/4" bolt, not included



1/2" HOSE ASSEMBLY PLIERS

- 78002**  (1) 1/2" pliers
78003  (1) 1/4" pliers
 (1) 1/2" pliers



MANIFOLDS

1/2" MODULAR MANIFOLD

- 32099**
 (3) 1/2" T's
 (1) 1/2" Elbow
 (1) 1/2" Manifold Bracket
 (3) Mounting Screws



1/2" TOTAL FLOW CONTROL MANIFOLD

- 32098**
 (1) 1/2" Modular Manifold
 (5) 1/2" In-Line Valves



1/2" MODULAR MANIFOLD BRACKET

- 32095**  (2) Brackets



KIT

3/4" HOSE KIT

- 60513**
- (2) 5 $\frac{3}{4}$ " Long Segments
- (1) 5/8" Round Nozzle
- (1) 3/4" Round Nozzle
- (1) 3/4" NPT Connector



• Assembled Length = 14"

HOSES

3/4" HOSE

- 61501**
- (2) 5 $\frac{3}{4}$ " Long Segments
- 69539** ■-BLK ■-G
- (1) 5 ft Coil
- 69540** ■-BLK ■-G
- (54) Segments, Bulk 25 ft
- 69541** ■-BLK ■-G
- (1) 50 ft Coil



• 1 Segment = 6 Elements

CONNECTORS

3/4" NPT CONNECTOR

- 61505** ■
- (4) NPT Connectors
- 69545** ■-BLK ■-G
- (50) NPT Connectors



3/4" BSPT* CONNECTOR

- 61509** ■
- (4) BSPT Connectors
- 69549** ■-BLK ■-G
- (50) BSPT Connectors



* British Standard Pipe Thread

NOZZLES

5/8" ROUND NOZZLE

- 61503** ■
- (4) Round Nozzles
- 69543** ■-BLK ■-G
- (50) Round Nozzles



3/4" ROUND NOZZLE

- 61502** ■
- (4) Round Nozzles
- 69542** ■-BLK ■-G
- (50) Round Nozzles



3" FLARE NOZZLE

- 61507** ■
- (2) Flare Nozzles
- 69547** ■-BLK ■-G
- (20) Flare Nozzles



VALVES

3/4" MALE NPT VALVE

- 61516** ■
- (2) NPT Valves
- 69556** ■-BLK ■-G
- (10) NPT Valves



3/4" FEMALE NPT VALVE

- 61517** ■
- (2) Female NPT Valves
- 69557** ■-BLK ■-G
- (10) Female NPT Valves



3/4" IN-LINE VALVE

- 61518** ■
- (2) In-Line Valves
- 69558** ■-BLK ■-G
- (10) In-Line Valves



ACCESSORIES

3/4" ELEMENT CLAMP

- 61535** ■
- (4) Element Clamps w/ screws
- 69565** ■-BLK ■-G
- (20) Element Clamps w/ screws



3/4" Y

- 61511** ■
- (2) Y's
- 69551** ■-BLK ■-G
- (20) Y's



3/4" ELBOW

- 61515** ■
- (2) Elbows
- 69555** ■-BLK ■-G
- (20) Elbows



3/4" TO 1/2" Y REDUCER

- 61512** ■
- (2) Y Reducers
- 69552** ■-BLK ■-G
- (20) Y Reducers



3/4" TO 1/2" REDUCER

- 61508** ■
- (2) Reducers
- 69548** ■-BLK ■-G
- (20) Reducers



3/4" DOUBLE SOCKET

- 61514** ■
- (4) Double Sockets
- 69554** ■-BLK ■-G
- (20) Double Sockets



3/4" FIXED MOUNT

- 60533** ■
- (2) Fixed Mounts
- 69563** ■-BLK ■-G
- (20) Fixed Mounts



• Mounts with 1/4" bolt, not included

3/4" HOSE ASSEMBLY PLIERS

- 78004** ■
- (1) 3/4" Pliers



• 3/4" Assembly Pliers will not assemble the 3/4" Y Fitting, the 3/4" Fixed Mount or the 3/4" Valves.

HOW TO ORDER BLACK, GRAY OR WHITE LOC-LINE:
 (Add suffix to part number when ordering, ie: **49421-BLK**)
 ■-BLK Part can be ordered in Black, add suffix -BLK
 ■-G Part can be ordered in Gray, add suffix -G
 □-W Part can be ordered in White, add suffix -W

Regarding Accessories part numbers 61535 and 69565 shown above:
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ACID RESISTANT SYSTEM

1/4" ACID RESISTANT

1/4" ACID RESISTANT HOSE KIT

- 45463** 🚧 (2) 5 $\frac{3}{4}$ " Long Segments
- (1) 1/4" Nozzle
- (1) 1/8" Nozzle
- (1) 1/16" Nozzle
- (1) 1/4" NPT Connector
- (1) 1/8" NPT Connector



1/4" ACID RESISTANT HOSE

- 45401** 🚧 (2) 5 $\frac{3}{4}$ " Long Segments
- 46420** 🚧 (55) Segments, Bulk 25-ft
- 46419** 🚧 (1) 5 ft Coil
- 46421** 🚧 (1) 50 ft Coil



1/16" ACID RESISTANT NOZZLE

- 45402** 🚧 (4) Round Nozzles
- 46422** 🚧 (50) Round Nozzles



1/8" ACID RESISTANT NOZZLE

- 45403** 🚧 (4) Round Nozzles
- 46423** 🚧 (50) Round Nozzles



1/4" ACID RESISTANT NOZZLE

- 45404** 🚧 (4) Round Nozzles
- 46424** 🚧 (50) Round Nozzles



1" ACID RESISTANT FLARE NOZZLE

- 45407** 🚧 (2) Flare Nozzles
- 46427** 🚧 (20) Flare Nozzles



1/8" ACID RESISTANT NPT CONNECTOR

- 45405** 🚧 (4) NPT Connectors
- 46425** 🚧 (50) NPT Connectors



1/4" ACID RESISTANT NPT CONNECTOR

- 45406** 🚧 (4) NPT Connectors
- 46426** 🚧 (50) NPT Connectors



1/4" ACID RESISTANT Y

- 45408** 🚧 (2) Y's
- 46428** 🚧 (20) Y's



1/4" ACID RESISTANT DOUBLE SOCKET

- 45409** 🚧 (4) Double Sockets
- 46429** 🚧 (20) Double Sockets



1/4" SOCKET X 1/8" FNPT ACID RESISTANT

- 45411** 🚧 (4) 1/4" Socket X 1/8" FNPT
- 46431** 🚧 (20) 1/4" Socket X 1/8" FNPT



1/4" ACID RESISTANT ELBOW

- 45415** 🚧 (2) Elbows
- 46435** 🚧 (20) Elbows



1/4" ACID RESISTANT T

- 45416** 🚧 (2) T's
- 46436** 🚧 (20) T's



1/4" ACID RESISTANT SWIVEL NOZZLE 40

- 45481** 🚧 (2) Swivel Nozzles
- 46449** 🚧 (20) Swivel Nozzles



1/4" ACID RESISTANT SWIVEL NOZZLE 60

- 45482** 🚧 (2) Swivel Nozzles
- 46450** 🚧 (20) Swivel Nozzles



• Loc-Line® Acid Resistant Hose is excellent for rinsing cycles in plating operations.

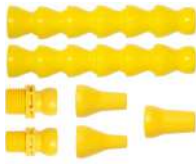
• Acid environments won't corrode the Loc-Line® Acid Resistant Hose because of its polyester composition. **CAUTION:** Loc-Line® Acid Resistant Hose is not intended for conveying acids or high pressure applications.



1/2" ACID RESISTANT

1/2" ACID RESISTANT HOSE KIT

- 56863** 🚧 (2) 5½" Long Segments
- (1) 1/4" Round Nozzle
- (1) 3/8" Round Nozzle
- (1) 1/2" Round Nozzle
- (1) 3/8" NPT Connector
- (1) 1/2" NPT Connector



1/2" ACID RESISTANT HOSE

- 56801** 🚧 (2) 5½" Long Segments
- 57860** 🚧 (59) Segments, Bulk 25 ft
- 57859** 🚧 (1) 5 ft Coil
- 57861** 🚧 (1) 50 ft Coil



1/4" ACID RESISTANT NOZZLE

- 56806** 🚧 (4) Round Nozzles
- 57866** 🚧 (50) Round Nozzles



3/8" ACID RESISTANT NOZZLE

- 56802** 🚧 (4) Round Nozzles
- 57862** 🚧 (50) Round Nozzles



1/2" ACID RESISTANT NOZZLE

- 56803** 🚧 (4) Round Nozzles
- 57863** 🚧 (50) Round Nozzles



3/8" ACID RESISTANT NPT

- 56804** 🚧 (4) NPT Connectors
- 57864** 🚧 (50) NPT Connectors



1/2" ACID RESISTANT NPT

- 56805** 🚧 (4) NPT Connectors
- 57865** 🚧 (50) NPT Connectors



1/4" ACID RESISTANT FLARE NOZZLE

- 56807** 🚧 (2) Flare Nozzles
- 57867** 🚧 (20) Flare Nozzles



1/2" ACID RESISTANT Y

- 56808** 🚧 (2) Y's
- 57868** 🚧 (20) Y's



1/2" TO 1/4" ACID RESISTANT Y REDUCER

- 56822** 🚧 (2) Y Reducers
- 57870** 🚧 (20) Reducers



1/2" TO 1/4" ACID RESISTANT REDUCER

- 56821** 🚧 (2) Reducers
- 57869** 🚧 (20) Reducers



1/2" ACID RESISTANT ELBOW

- 56824** 🚧 (2) Elbows
- 57874** 🚧 (20) Elbows



1/2" ACID RESISTANT T

- 56825** 🚧 (2) T's
- 57875** 🚧 (20) T's



1/2" DOUBLE SOCKET

- 56811** 🚧 (4) Double Sockets
- 57872** 🚧 (20) Double Sockets



TEFEN™ COUPLINGS

Tefen™ products change threaded male components to female threads. Tefen products are made in Israel.

1/8" FEMALE PIPE COUPLING

- 40656** 🚧 (4) Female Pipe Couplings
- 41756** 🚧 (20) Female Pipe Couplings



1/4" FEMALE PIPE COUPLING

- 40657** 🚧 (4) Female Pipe Couplings
- 41757** 🚧 (20) Female Pipe Couplings



3/8" FEMALE PIPE COUPLING

- 50660** 🚧 (4) Female Pipe Couplings
- 51760** 🚧 (20) Female Pipe Couplings



1/2" FEMALE PIPE COUPLING

- 50661** 🚧 (4) Female Pipe Couplings
- 51761** 🚧 (20) Female Pipe Couplings



1/4" PIPE PLUG

- 40654** 🚧 (4) Pipe Plug
- 41754** 🚧 (20) Pipe Plug



1/4" TO 1/8" FEMALE PIPE REDUCER

- 40655** 🚧 (4) Female Pipe Reducers
- 41755** 🚧 (20) Female Pipe Reducers



3/8" TO 1/4" FEMALE PIPE REDUCER

- 50658** 🚧 (4) Female Pipe Reducers
- 51758** 🚧 (20) Female Pipe Reducers



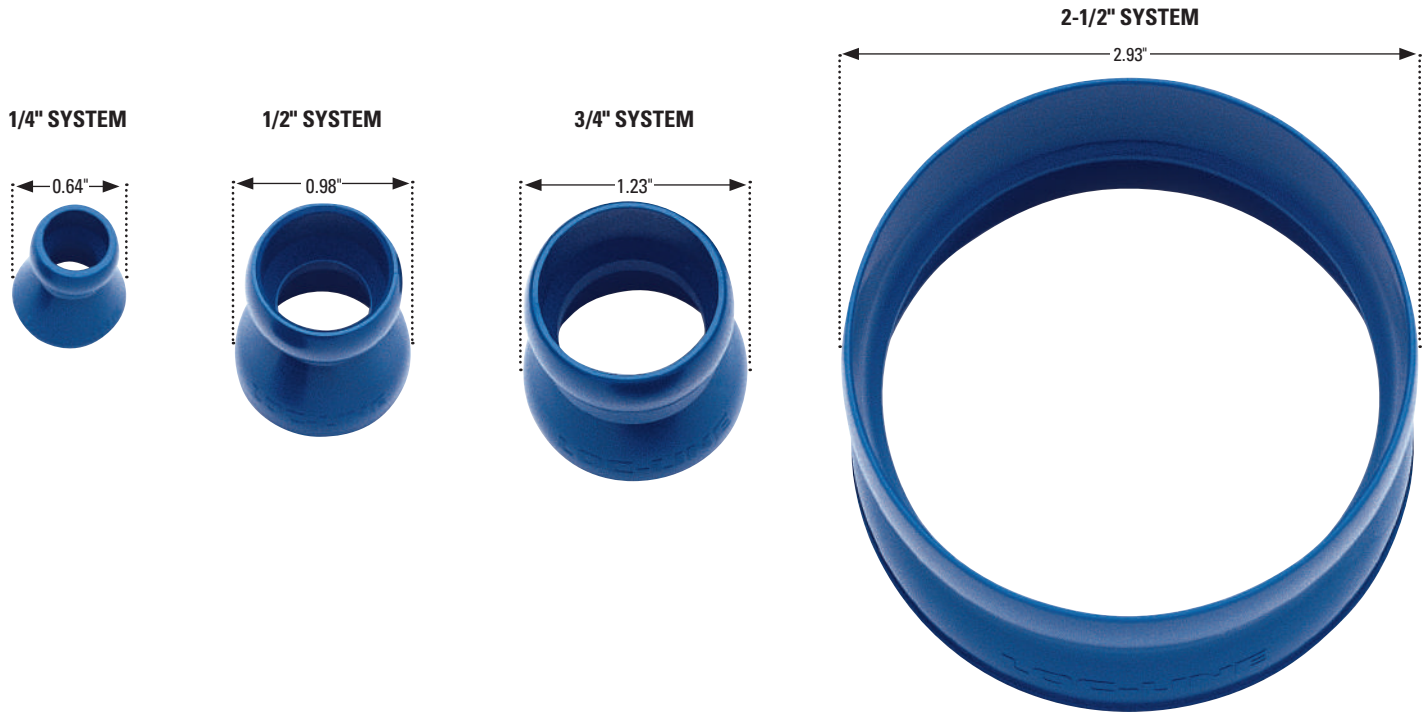
1/2" TO 1/4" FEMALE PIPE REDUCER

- 50659** 🚧 (4) Female Pipe Reducers
- 51759** 🚧 (20) Female Pipe Reducers

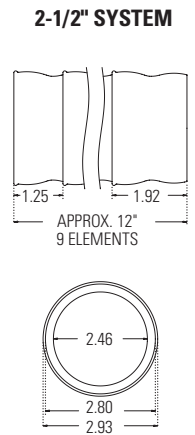
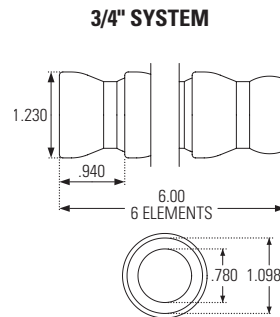
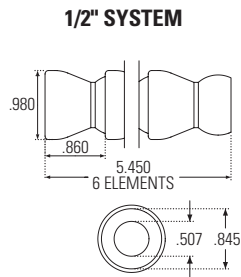
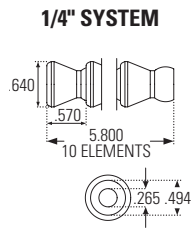


TECHNICAL INFORMATION

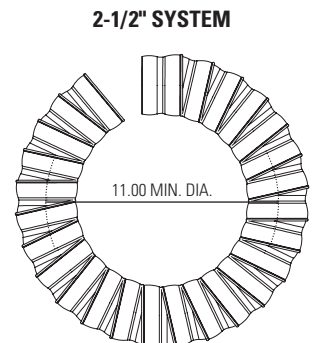
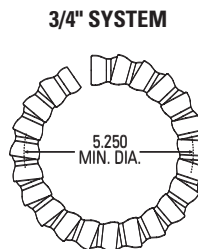
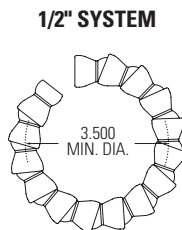
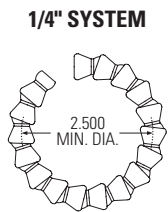
IDENTIFYING LOC-LINE SYSTEMS



MEASURING LOC-LINE



MINIMUM HOSE BENDING DIAMETER



LINE PRESSURE AND FLOW RATES

1/4" SYSTEM

| | LINE PRESSURE | FLOW RATE |
|------------------|----------------|------------|
| Standard | 50 PSI | 250 gal/hr |
| w/ clamps | up to 110 PSI* | |

*Assumes use of element clamps on all joints and fully tightened.

Please note that all applications have variables and conditions that will affect the maximum hose pressures. Testing is always recommended whenever possible.

1/2" SYSTEM

| | LINE PRESSURE | FLOW RATE |
|------------------|---------------|------------|
| Standard | 30 PSI | 478 gal/hr |
| w/ clamps | up to 75 PSI* | |

*Assumes use of element clamps on all joints and fully tightened.

3/4" SYSTEM

| | LINE PRESSURE | FLOW RATE |
|------------------|---------------|--------------|
| Standard | 20 PSI | 1,140 gal/hr |
| w/ clamps | up to 50 PSI* | |

*Assumes use of element clamps on all joints and fully tightened.

Additional flow rate information and graphs can be viewed at www.loc-line.com

MATERIAL SPECIFICATIONS

COMMON COMPATIBILITY WITH LOC-LINE ACETAL PRODUCTS

■ BLUE ■ ORANGE ■ BLACK ■ GREY □ WHITE

| | |
|-----|----------------------------|
| Yes | Acetone |
| No | Acids |
| Yes | Alcohol, Ethyl |
| No | Ammonium Hydroxide, Strong |
| No | Bases, Strong |
| Yes | Commercial Dish Detergents |
| Yes | Gasoline |
| Yes | Greases |
| No | Hypochlorite Ion Solutions |
| Yes | Lacquer Solvents |
| Yes | Oils |
| Yes | Sodium Hydroxide |
| No | Sodium Hypochlorite |

ACETAL TEMPERATURE DATA

■ BLUE ■ ORANGE ■ BLACK ■ GREY □ WHITE

Melting point: 329° F
Maximum operating temperature: 170° F

TEMPERATURE DATA - HPT NOZZLE

Maximum operating temperature: 115° F

ACETAL ANTI-STATIC ELECTRICAL PROPERTIES

■ BLACK (2½" System)

Surface Resistivity: 1.000E3 Ohm
Volume Resistivity: <6.000E2 Ohm-cm

COMMON COMPATIBILITY WITH LOC-LINE POLYESTER PRODUCTS

■ YELLOW ACID RESISTANT

| | |
|-----|------------------------------|
| No | Acetone |
| Yes | Acids, (Less than 150° F) |
| No | Acids, (Greater than 150° F) |
| Yes | Alcohols |
| Yes | Aromatic Solvents |
| No | Chlorinated Hydrocarbon |
| No | Bases, Strong |
| No | Ethyl Acetate |
| Yes | Gasoline |
| Yes | Greases |
| Yes | Hydrocarbons |
| Yes | Oils |
| Yes | Salt Solutions |

TEMPERATURE DATA - POLYESTER

■ YELLOW ACID RESISTANT

Melting point: 475° F
Maximum operating temperature: 170° F

REGULATORY INFORMATION

FDA – Acetal Copolymer meets the requirements for food contact in accordance to the rules in 21CFR 177.2470. All color pigments are used at the recommended let-down ratio that meet 21CFR 178.3297.

NSF – Acetal Copolymer meets the Standards 14, 51 and 61 meet plumbing items in contact with potable water.

Loc-Line products are REACH compliant and RoHS compliant. Loc-Line products are free from Ozone depleting chemicals.

Lockwood Products, Inc. does not produce Loc-Line in a FDA certified facility. Nor does Lockwood Products, Inc. warrant any particular application.

