

SPIN LOC FITTINGS

For Use With Polyethylene Irrigation Tubing

DURABLE

RELIABLE

PROVEN

TRUSTED

Applications

Agriculture



Landscape








Greenhouse/Nursery



Product Features

Agricultural Products Spin Loc fittings are lock-type fittings that accept a wide range of hose I.D.s and wall thicknesses.

Spin Loc fittings offer lasting durability. Their molded, female, threaded lock sleeve is made from a glass-reinforced material containing a minimum of two percent carbon black. Housings are prime, low-melt polypropylene containing two percent carbon black. (SSP and CSP housings are PVC.)

-  Easy no-tool installation – sleeves tighten into tubing with tension. Unique design provides a positive seal with a range of hose sizes and manufacturing tolerances
-  Spin Loc sleeves groove the supply tubing for a secure grip. Ideal for overhead applications
-  Hose swivel fittings are available with washer or stainless steel screen washer
-  All fittings are manufactured from chemical-resistant materials
-  Some configurations are available with pressure check

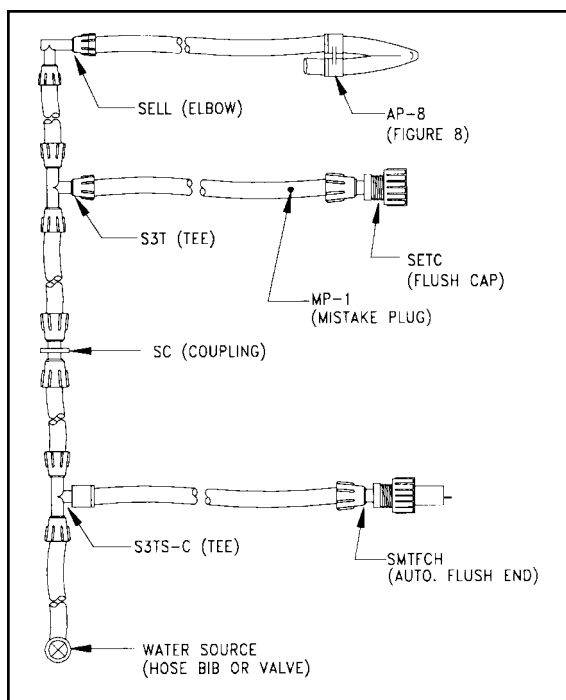
Size Selection Chart

Fitting Series	API Tubing Size	Acceptable I.D.		Acceptable Wall Thickness	
		Inches	Millimeters	Inches	Millimeters
505	.620 x .520 PE	.505 to .565	12.8 to 14.4	.035 to .050	.89 to 1.27
565	.700 x .600 PE	.565 to .625	14.4 to 15.9	.035 to .050	.89 to 1.27
625	.710 x .620 PE	.625 to .640	15.9 to 16.3	.035 to .050	.89 to 1.27
685	.870 x .730 PE	.685 to .745	17.4 to 18.9	.035 to .050	.89 to 1.27
785	.927 x .817 PE .940 x .820 PE	.785 to .845	19.9 to 21.5	.045 to .065	1.14 to 1.65
1025	1.20 x 1.06 PE 1.174 x 1.05 PE	1.025 to 1.085	26.0 to 27.6	.065 to .075	1.65 to 1.91

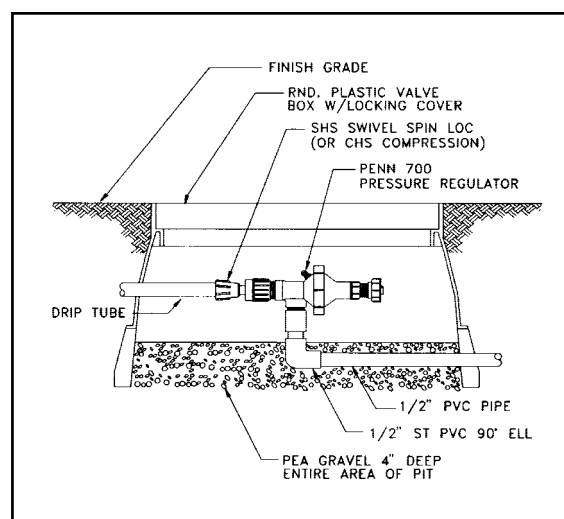
For more detailed size information, see the Agricultural Products, Inc. Fitting Selection Slide Chart.

Installation Details

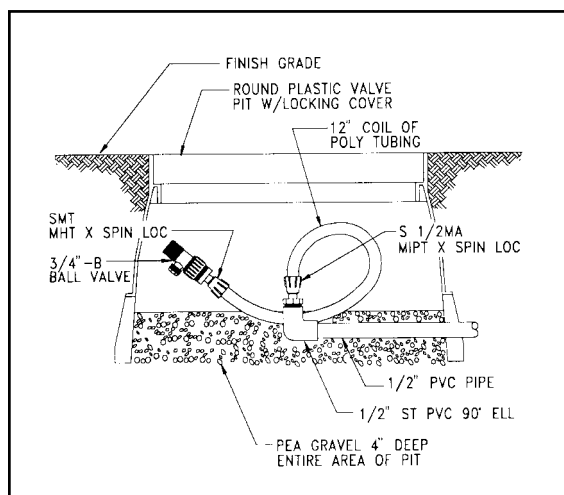
Typical Connections



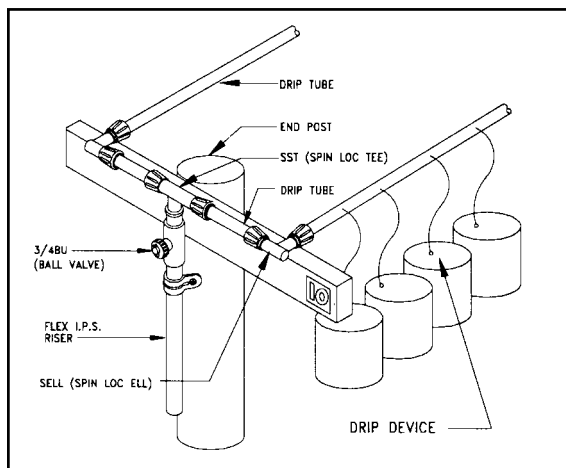
Submain Pressure Control (Buried PVC Submain System)



Flush Valve End Detail (Buried PVC)



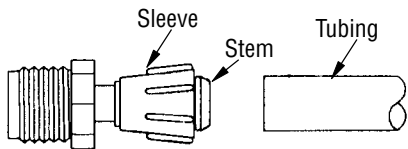
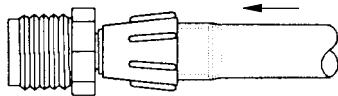
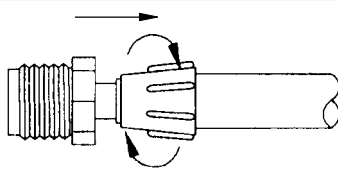
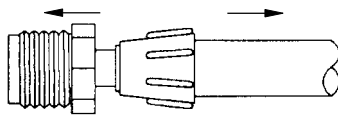
Container Row End Post Assembly



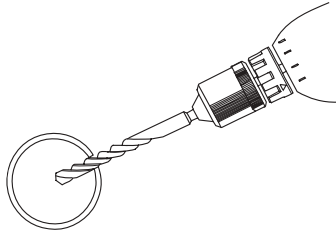
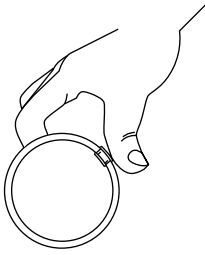
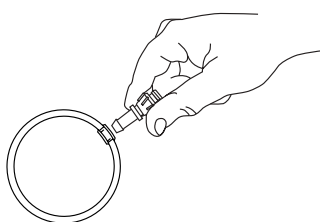
Installation Instructions

Tools

Installing Spin Loc Fittings

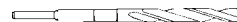
	Action	Illustration
1	Hold the fitting in one hand and position the tubing with the other hand.	
2	Move the sleeve back and push the tubing onto the exposed stem as far as possible.	
3	Push the sleeve out over the tubing and thread the sleeve onto the tubing, as though tightening a nut onto a bolt.	
4	Test the connection to make sure the sleeve threads have gripped the tubing tightly.	

Installing a Grommet Into PVC

	Action	Illustration
1	Use the appropriate drill bit to drill a hole in 1" or larger PVC.	
2	Install a grommet into the drilled hole.	
3	Insert a barb fitting into the grommet.	

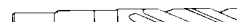
400B-Drill

Drill 9/16" hole in PVC pipe for insertion of 400-GRO. Specially machined tip prevents PVC from breaking. Shank is 3/8" for use with hand-held drills.



700B-Drill

Drill 13/16" hole in PVC pipe for insertion of 700-GRO. Specially machined tip prevents PVC from breaking. Shank is 3/8" for use with hand-held drills.



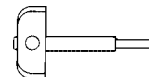
DP-400 Punch and DP-420 Punch

- DP-400 (red handle) punches hole for 400 series barb fittings.
- DP-420 (brown handle) punches hole for 420V-06-LS.



DP-400S

Serrated cutting tool with ejector for installing 400 series PIA, CPIA, 400B-06-LS, and 400-BSA.



DP-700 Kit

Includes one DP-700 Cutting Tool and one DP-700-I Insertion Tool.

DP-700 cuts the correct size hole in Flatube or round PE supply tubing for 700 series PIA, CPIA, 700B Tape Loc, and 700B Spin Loc fittings.



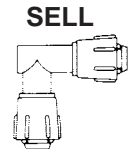
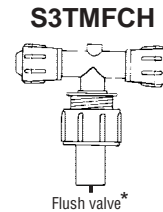
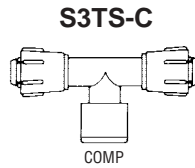
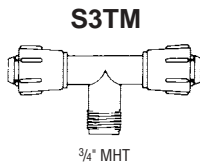
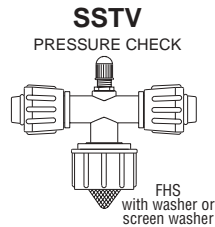
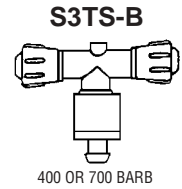
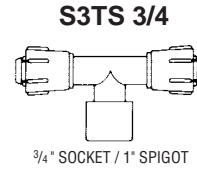
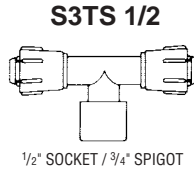
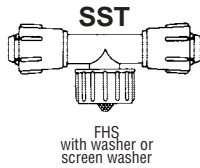
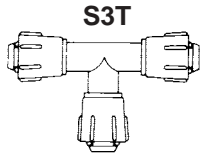
DP-700-I Insertion Tool

Flaring and insertion tool for installing 700 series fittings into Flatube.



Quick Guide

Tees and Ell



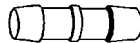
Grommets and Plugs for Barb Fittings

400-GRO



For PVC installations

MP400-GRO



Plugs 400-GRO

MP-400



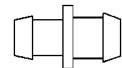
Plugs holes made for 400 barb fittings

700-GRO



For PVC installations

MP-700

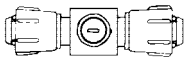


Plugs holes made for 700-GRO & 700 barb fittings

Adapters

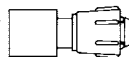
SCBV

TAMPER-RESISTANT VALVE



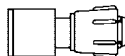
SSP

SOCKET/ SPIGOT



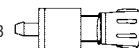
CSP

COMP



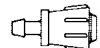
250-BSA

250 BARB



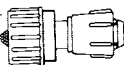
400-BSA

400 BARB



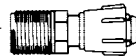
SHS

FHS with washer or screen washer



S 1/2-MA

1/2\"/>



S 3/4-MA

3/4\"/>

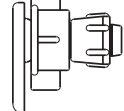


S1MA

1\"/>



KMA



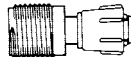
700-BSA

700 BARB



SMT

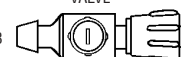
3/4\"/>



SABV

TAMPER-RESISTANT VALVE

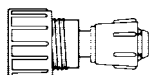
BARB



Ends and Coupler

SETC

CAP



SMT-FCH

AUTO FLUSH



Flush valve *

SC



*Spin Loc™ Fittings with FCH flush valves may be ordered in either low (L) or high (H) pressure options.

Low (L): 0.6 GPM required to close; reopens when pressure falls below 1.0 PSI (white plunger)

High (H): 0.8 GPM required to close; reopens when pressure falls below 2.0 PSI (orange plunger)



Agricultural Products, Inc.

a Summa Industries company

P.O. Box 3760 - Ontario, CA 91761 - 800.828.9919 - Fax: 800.777.6162
P.O. Box 3546 - Haines City, FL 33845 - 800.848.8153 - Fax: 800.533.6421
Visit us at: www.agproducts.com

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