

PERMA-LOC FITTINGS & VALVES FOR HEAVY WALL DRIPLINES & HOSE

- Unmatched in Performance, Durability and Reliability
- Provides Easy and Speedy Installation
- UV and Chemical Resistant
- Modular Design fits Multiple Applications
- Variety of Available Sizes and Styles



irritec®

don't wait for rain®

PERMA-LOC FITTINGS & VALVES FOR HEAVY WALL DRIPLINES & HOSE

Perma-Loc Heavy Wall Driplines and Hose Fittings Selection Chart					
Nominal Size	Series Number	Acceptable I.D.		Acceptable Wall Thickness	
16mm	500	.510" - .580"	12.9 - 14.7 mm	.035" - .055"	0.89 - 1.40 mm
17mm	550	.540" - .620"	13.7 - 15.7 mm	.045" - .060"	1.14 - 1.50 mm
18mm	600	.590" - .630"	15.0 - 16.0 mm	.025" - .050"	0.64 - 1.27 mm
20mm	700	.685" - .740"	17.4 - 18.9 mm	.040" - .055"	1.00 - 1.40 mm
3/4"	800	.790" - .845"	20.0 - 21.5 mm	.045" - .065"	1.14 - 1.65 mm
1"	1000	1.025" - 1.085"	26.0 - 27.6 mm	.045" - .065"	1.65 - 1.91 mm

Applications:

GREENHOUSE SOIL AGRICULTURE | TREES AND ORCHARDS CROPS | NURSERIES | OLIVE | VINEYARDS | HEDGES, TREES AND FLOWER BEDS



Hose Couplings

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HC500	500	800	43 lbs.	100	●
A1-HC500-50B	500	-	-	50	○
A1-HC550	550	600	38 lbs.	100	●
A1-HC550-50B	550	-	-	50	○
A1-HC600	600	600	46 lbs.	50	●
A1-HC700	700	500	38 lbs.	50	●
A1-HC800	800	400	40 lbs.	50	●
A1-HC1000	1000	250	39 lbs.	25	●



Hose Reducing Couplings

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HRC65	600 x 500	600	46 lbs.	100	●
A1-HRC75	700 x 500	600	43 lbs.	50	○
A1-HRC76	700 x 600	450	38 lbs.	50	●
A1-HRC85	800 x 500	400	38 lbs.	50	○
A1-HRC86	800 x 600	350	42 lbs.	50	●
A1-HRC87	800 x 700	300	36 lbs.	50	○
A1-HRC105	1000 x 500	240	45 lbs.	20	○
A1-HRC106	1000 x 600	100	18 lbs.	20	○
A1-HRC107	1000 x 700	100	18 lbs.	20	○
A1-HRC108	1000 x 800	200	42 lbs.	25	●



Hose Tees

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT555	500	450	35 lbs.	50	●
A1-HT550	550	350	32 lbs.	50	●
A1-HT666	600	350	34 lbs.	50	●
A1-HT777	700	300	33 lbs.	25	●
A1-HT888	800	200	30 lbs.	25	●
A1-HT111	1000	120	64 lbs.	10	●



Swivel Tees

Hose x Hose x 3/4" Female Hose Swivel

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT55S	500	400	32 lbs.	50	●
A1-HT550S	550	350	31 lbs.	50	○
A1-HT66S	600	350	30 lbs.	50	●
A1-HT77S	700	300	30 lbs.	50	●
A1-HT88S	800	240	30 lbs.	40	●
A1-HT11S	1000	160	77 lbs.	20	●
A1-HT55SS	500 *	400	31 lbs.	50	●
A1-HT550SS	550 *	350	31 lbs.	50	●
A1-HT66SS	600 *	350	32 lbs.	50	●
A1-HT77SS	700 *	300	30 lbs.	50	●
A1-HT88SS	800 *	240	30 lbs.	40	●
A1-HT11SS	1000 *	160	78 lbs.	20	●

* With Screen.



Hose x Hose Reducing Tees

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT556	500 x 500 x 600	400	48 lbs.	50	○
A1-HT557	500 x 500 x 700	400	48 lbs.	50	○
A1-HT558	500 x 500 x 800	400	53 lbs.	50	○
A1-HT665	600 x 600 x 500	250	38 lbs.	25	○
A1-HT667	600 x 600 x 700	350	46 lbs.	50	○
A1-HT668	600 x 600 x 800	175	26 lbs.	25	●
A1-HT776	700 x 700 x 600	300	41 lbs.	25	○
A1-HT778	700 x 700 x 800	300	65 lbs.	25	○
A1-HT885	800 x 800 x 500	200	35 lbs.	20	○
A1-HT886	800 x 800 x 600	200	46 lbs.	25	●
A1-HT887	800 x 800 x 700	200	40 lbs.	25	○
A1-HT116	1000 x 1000 x 600	80	17 lbs.	10	○
A1-HT117	1000 x 1000 x 700	70	15 lbs.	10	○
A1-HT118	1000 x 1000 x 800	120	67 lbs.	20	●

Not a stocked item so assembly is required which may extend shipping times.



Hose x Barbed Adapter Tees

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT55B400	500 x 500 x 400B	400	34 lbs.	50	○
A1-HT55B700	500 x 500 x 700B	400	34 lbs.	50	○
A1-HT550B400	550 x 550 x 400B	300	34 lbs.	50	○
A1-HT550B700	550 x 550 x 700B	300	31 lbs.	50	○
A1-HT66B400	600 x 600 x 400B	300	29 lbs.	50	○
A1-HT66B700	600 x 600 x 700B	300	30 lbs.	50	○
A1-HT77B400	700 x 700 x 400B	300	34 lbs.	25	○
A1-HT77B700	700 x 700 x 700B	300	34 lbs.	25	○



Hose x MHT Adapter Tees

Hose x Hose x 3/4" Male Hose Thread

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT550HT	550	400	32 lbs.	50	○
A1-HT66HT	600	400	31 lbs.	50	●
A1-HT77HT	700	300	27 lbs.	50	●
A1-HT88HT	800	240	31 lbs.	40	●



Swivel Tees with Schrader Valve

Hose x Hose x 3/4" Female Hose Swivel

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HTS55S	500	400	39 lbs.	50	○
A1-HTS66S	600	250	33 lbs.	50	○
A1-HTS77S	700	300	36 lbs.	50	○
A1-HTS88S	800	200	32 lbs.	40	○
A1-HTS55SS	500 *	400	39 lbs.	50	○
A1-HTS66SS	600 *	250	33 lbs.	50	○
A1-HTS77SS	700 *	300	36 lbs.	50	○
A1-HTS88SS	800 *	200	32 lbs.	40	○

* With Screen.



Hose x 1/2" Socket x 3/4" Spigot Tees (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT55P1/2	500 x ½" x ¾"	400	29 lbs.	50	○
A1-HT66P1/2	600 x ½" x ¾"	400	33 lbs.	50	○
A1-HT77P1/2	700 x ½" x ¾"	300	30 lbs.	25	○



Hose x 3/4" Socket x 1" Spigot Tees (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT55P3/4	500 x ¾" x 1"	350	24 lbs.	50	○
A1-HT550P3/4	550 x ¾" x 1"	300	32 lbs.	50	○
A1-HT66P3/4	600 x ¾" x 1"	300	30 lbs.	50	●
A1-HT77P3/4	700 x ¾" x 1"	300	33 lbs.	25	●
A1-HT88P3/4	800 x ¾" x 1"	225	31 lbs.	25	●
A1-HT11P3/4	1000 x ¾" x 1"	120	49 lbs.	20	○



Hose x 1" Socket x 1 1/4" Spigot Tee (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT88P10	800 x 1" x 1¼"	200	34 lbs.	25	○



Hose x 1" Socket x 1 1/4" Spigot Tee (PVC)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HT11P10	1000 x 1" x 1¼"	70	31 lbs.	10	○

Parts are glued.



Hose Tee x Automatic Flush Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HT55FVL	500 x 500 x LP	300	29 lbs.	50	○
A2-HT66FVL	600 x 600 x LP	300	32 lbs.	50	○
A2-HT77FVL	700 x 700 x LP	250	30 lbs.	25	○
A2-HT55FVH	500 x 500 x HP	300	29 lbs.	50	○
A2-HT66FVH	600 x 600 x HP	300	31 lbs.	50	○
A2-HT77FVH	700 x 700 x HP	250	30 lbs.	25	○

LP = Low Pressure Model. White Plunger. Flow .66 GPM to close with opening pressure .87 psi.
HP = High Pressure Model. Orange Plunger. Flow .9 GPM to close with opening pressure 1.3 psi.



Hose Elbows

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HE55	500	800	45 lbs.	100	●
A1-HE55-50B	500	-	-	50	●
A1-HE550	550	550	36 lbs.	50	●
A1-HE66	600	550	35 lbs.	50	●
A1-HE77	700	500	38 lbs.	50	●
A1-HE88	800	300	34 lbs.	50	●
A1-HE11	1000	200	70 lbs.	25	●

Hose x 250 Series Barbs



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5B250	500	800	27 lbs.	100	○
A1-H6B250	600	900	49 lbs.	100	●
A1-H7B250	700	800	49 lbs.	50	○

Hose x 400 Series Barbs



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5B400	500	1,200	41 lbs.	100	○
A1-H550B400	550	1,000	39 lbs.	100	○
A1-H6B400	600	1,000	41 lbs.	100	●
A1-H7B400	700	700	45 lbs.	100	○

Hose x 700 Series Barbs



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5B700	500	800	41 lbs.	100	○
A1-H550B700	550	600	27 lbs.	50	○
A1-H6B700	600	600	38 lbs.	50	○
A1-H7B700	700	700	46 lbs.	100	○
A1-H8B700	800	500	39 lbs.	50	○
A1-H10B700	1000	300	42 lbs.	50	○

Swivel Elbow Adapters

Hose x 3/4" Female Hose Swivel



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HE5S	500	700	38 lbs.	100	●
A1-HE550S	550	700	41 lbs.	100	○
A1-HE6S	600	600	35 lbs.	50	●
A1-HE7S	700	500	32 lbs.	50	●
A1-HE8S	800	400	34 lbs.	50	●
A1-HE550SS	550 *	700	41 lbs.	100	○
A1-HE6SS	600 *	600	35 lbs.	50	○
A1-HE7SS	700 *	500	32 lbs.	50	○
A1-HE8SS	800 *	400	34 lbs.	50	○

* With Screen

4-Way Crosses



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HX600	600	200	24 lbs.	25	●
A1-HX600P1/2	600 *	250	31 lbs.	25	○

* 600 Series x 600 Series x 600 Series x 1/2" socket.

Swivel Adapters

Hose x 3/4" Female Hose Swivel



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5S	500	800	40 lbs.	100	●
A1-H550S	550	700	40 lbs.	100	●
A1-H6S	600	700	40 lbs.	100	●
A1-H7S	700	600	37 lbs.	100	●
A1-H8S	800	500	37 lbs.	50	●
A1-H1S	1000	225	41 lbs.	25	●
A1-H5SS	500 *	800	40 lbs.	100	●
A1-H550SS	550 *	700	40 lbs.	100	○
A1-H6SS	600 *	700	44 lbs.	100	●
A1-H7SS	700 *	600	38 lbs.	100	●
A1-H8SS	800 *	500	39 lbs.	50	●
A1-H1SS	1000 *	250	45 lbs.	25	●

* With Screen.

Swivel Adapters

Hose x 3/4" FIPT Swivel



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5SFPT	500	800	42 lbs.	100	●
A1-H6SFPT	600	700	44 lbs.	100	●
A1-H7SFPT	700	600	37 lbs.	100	●

Swivel Adapters with Schrader Valve

Hose x 3/4" Female Hose Swivel



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HPV5S	500	400	39 lbs.	50	○
A1-HPV6S	600	400	42 lbs.	50	○
A1-HPV7S	700	400	43 lbs.	50	○
A1-HPV8S	800	300	36 lbs.	25	○

1/2" Male Adapters

Hose x 1/2" Male Pipe Thread



Part Number	Series	Internal - External Hex		Box Qty	Box Wt	Bag Qty	Stock
A1-H5TH50	500	8mm	28mm	1,200	47 lbs.	100	●
A1-H5TH50-50B	500	10mm	32mm	-	-	50	○
A1-H550TH50	550	10mm	32mm	900	35 lbs.	100	●
A1-H550TH50-50B	550	10mm	32mm	-	-	50	○
A1-H6TH50	600	10mm	32mm	900	38 lbs.	100	●
A1-H7TH50	700	12mm	-	800	35 lbs.	100	●

Internal hex and external socket ready for cordless drill installation.

3/4" Male Adapters

Hose x 3/4" Male Pipe Thread



Part Number	Series	Internal - External Hex		Box Qty	Box Wt	Bag Qty	Stock
A1-H5TH75	500	8mm	28mm	1,100	44 lbs.	100	●
A1-H5TH75-50B	500	10mm	32mm	-	-	50	○
A1-H550TH75	550	10mm	32mm	900	39 lbs.	100	○
A1-H550TH75-50B	550	10mm	32mm	-	-	50	○
A1-H6TH75	600	10mm	32mm	900	42 lbs.	100	●
A1-H7TH75	700	10mm	32mm	800	41 lbs.	100	●
A1-H8TH75	800	12mm	-	600	36 lbs.	100	●

Internal hex and external socket ready for cordless drill installation.

Hose x 1/2" Spigot Adapters (ABS)



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5P	500 x ½"	1,000	34 lbs.	100	●
A1-H550P	550 x ½"	1,000	50 lbs.	100	○
A1-H6P	600 x ½"	1,000	44 lbs.	100	●
A1-H7P	700 x ½"	900	40 lbs.	100	○

3/4" Male Hose Adapters

Hose x 3/4" Male Hose Thread



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5HT	500	1,000	49 lbs.	100	●
A1-H550HT	550	800	36 lbs.	100	○
A1-H6HT	600	800	39 lbs.	100	●
A1-H7HT	700	700	37 lbs.	100	●
A1-H8HT	800	600	37 lbs.	50	●
A1-H1HT	1000	300	31 lbs.	50	●

1" Male Adapter

Hose x 1" Male Pipe Thread



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H1TH10	1000	300	32 lbs.	50	●



Hose x 1/2" Socket/3/4" Spigot Adapters (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5P1/2	500 x ½"/¾"	1,000	39 lbs.	100	●
A1-H5P1/2-50B	500 x ½"/¾"	-	-	50	●
A1-H550P1/2	550 x ½"/¾"	1,000	50 lbs.	100	●
A1-H550P1/2-50B	550 x ½"/¾"	-	-	50	●
A1-H6P1/2	600 x ½"/¾"	1,000	49 lbs.	100	●
A1-H7P1/2	700 x ½"/¾"	800	43 lbs.	100	●
A1-H8P1/2	800 x ½"/¾"	600	36 lbs.	100	●



Hose x 3/4" Socket/1" Spigot Adapters (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H8P3/4	800 x ¾"/1"	600	43 lbs.	50	●
A1-H10P3/4	1000 x ¾"/1"	300	45 lbs.	50	●



Hose x 1" Socket/1 1/4" Spigot Adapter (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H10P10	1000 x 1"/1¼"	300	51 lbs.	50	●



Hose x LayFlat Adapters

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5LF	500	900	39 lbs.	100	●
A1-H6LF	600	900	42 lbs.	100	●
A1-H7LF	700	800	41 lbs.	50	●

Use Cutter B5-CLF14B for all, use B5-AHW8 for H5LF and all tear drops, use B5-AHW10 for H6LF and H7LF.



Hose x Low Pressure Automatic Flush Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-H5FVL	500	500	30 lbs.	100	○
A2-H550FVL	550	600	53 lbs.	100	○
A2-H6FVL	600	600	41 lbs.	100	●
A2-H7FVL	700	500	36 lbs.	50	●
A2-H8FVL	800	400	35 lbs.	50	●
A2-H10FVL	1000	300	38 lbs.	50	●

White Plunger. Flow .66 GPM to close with opening pressure .87 psi.



Hose x High Pressure Automatic Flush Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-H5FVH	500	500	31 lbs.	100	○
A2-H550FVH	550	500	36 lbs.	100	○
A2-H6FVH	600	500	35 lbs.	100	●
A2-H7FVH	700	500	36 lbs.	50	○
A2-H8FVH	800	400	35 lbs.	50	●
A2-H10FVH	1000	300	38 lbs.	50	○

Orange Plunger. Flow .9 GPM to close with opening pressure 1.3 psi.



3/4" Female Thread Automatic Flush Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-FVFHTL	¾" FHT LP	700	21 lbs.	100	○
A2-FVFHTH	¾" FHT HP	700	21 lbs.	100	○
A2-FVFPTL	¾" FIPT LP	700	21 lbs.	100	○
A2-FVFPTH	¾" FIPT HP	700	21 lbs.	100	○

LP = Low Pressure Model. White Plunger. Flow .66 GPM to close with opening pressure .87 psi.
HP = High Pressure Model. Orange Plunger. Flow .9 GPM to close with opening pressure 1.3 psi.
Black Color = FHT LP or HP
Blue Color = FIPT LP or HP



Hose End Plugs with Finger Ring

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5PLUG	500	800	31 lbs.	100	○
A1-H550PLUG	550	800	37 lbs.	100	○
A1-H6PLUG	600	800	38 lbs.	100	○



Hose x Threaded End Caps

Hose x 3/4" Male Hose Thread with Cap

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-H5CAP	500	800	45 lbs.	100	●
A1-H550CAP	550	600	38 lbs.	100	●
A1-H6CAP	600	600	38 lbs.	100	●
A1-H7CAP	700	500	35 lbs.	100	●
A1-H8CAP	800	500	41 lbs.	50	●
A1-H1CAP	1000	300	35 lbs.	50	●

PERMA-LOC VALVES

We offer a variety of valves for control of distribution tubing. The modular design is unmatched in performance, durability and selection while providing quick installation.



Angle Cylinder Shut-Off Valves

Barb x Hose with Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-ACVH5B16	500	100	14 lbs.	50	○
A2-ACVH6B18	600	100	14 lbs.	50	○
A2-ACVH7B20	700	100	14 lbs.	50	○



1/2" Male Shut-Off Valves

1/2" MIPT x Hose with Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV5TH50	500	600	34 lbs.	50	●
A2-HV6TH50	600	250	18 lbs.	50	●



1/2" Male Shut-Off Valves

1/2" MIPT x Hose with Blue Handle Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV7TH50B	700	500	34 lbs.	50	●



3/4" Male Shut-Off Valves

3/4" MIPT x Hose with Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV5TH75	500	250	18 lbs.	50	●
A2-HV6TH75	600	250	20 lbs.	50	●



3/4" Male Shut-Off Valves

3/4" MIPT x Hose with High Flow Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHF7TH75-O	700	225	44 lbs.	25	○
A2-VHF8TH75-O	800	200	42 lbs.	25	●



3/4" Male Shut-Off Valves

Hose x 3/4" MIPT with High Flow Valve

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHF7TH75-I	700	225	44 lbs.	25	○
A2-VHF8TH75-I	800	200	42 lbs.	25	●



Barb Shut-Off Valves

Hose x 400 Series Barb

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV5B400	500	350	17 lbs.	50	●
A2-HV6B400	600	350	23 lbs.	50	●



Plastic Shut-Off Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VB12	3/8" x 3/8" (.375" I.D.)	400	17 lbs.	50	●
A2-VB16	16mm x 16mm (.520" ID)	400	17 lbs.	50	●
A2-VB18	18mm x 18mm (.620" ID)	400	19 lbs.	50	●
A2-VB20	20mm x 20mm (.690" ID)	300	19 lbs.	50	○

Hose Coupling Valves



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV55	500	500	39 lbs.	50	○
A2-HV66	600	500	42 lbs.	50	○
A2-HV77	700	200	21 lbs.	50	○

Hose Coupling Valves - High Flow

Flow Direction



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHF77	700	200	33 lbs.	25	●
A2-VHF88	800	150	36 lbs.	25	●
A2-VHF11	1000	100	38 lbs.	10	●

Flow Direction



A2-HV6P1/2-I

Flow Direction



A2-HV6P1/2SH-I

Hose Flushing Valves - Standard Port

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-HV5P1/2-I	500	400	39 lbs.	50	○
A2-HV6P1/2-I	600	400	42 lbs.	50	●
A2-HV7P1/2-I	700	350	43 lbs.	50	●
A2-HV8P1/2-I	800	300	40 lbs.	50	●
A2-HV5P1/2SH-I	500 *	400	39 lbs.	50	○
A2-HV6P1/2SH-I	600 *	400	42 lbs.	50	○
A2-HV7P1/2SH-I	700 *	400	43 lbs.	50	●
A2-HV8P1/2SH-I	800 *	300	40 lbs.	50	○

* With Short Handle.

Hose Flushing Valves - High Flow

Flow Direction



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHF6P3/4-I	600	250	39 lbs.	25	●
A2-VHF7P3/4-I	700	250	39 lbs.	25	●
A2-VHF8P3/4-I	800	250	23 lbs.	25	●
A2-VHF10P3/4-I	1000	160	44 lbs.	20	○

Also available with Short Handle.

Dual Line Drip Flushing 'Y's

Hose x Hose x 3/4" MHT with High Flow Valve

Flow Direction



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-FY55HFVHT	500	100	32 lbs.	10	●
A2-FY6HFVHT	600	120	34 lbs.	10	●
A2-FY7HFVHT	700	110	35 lbs.	10	●
A2-FY88HFVHT	800	100	37 lbs.	10	○

600 and 700 Series have single molded body with glued valve.
Additional combinations available - call for details. Also available with short handle.

Dual Line Drip Flushing 'Y's

Hose x Hose x 3/4" MHT with High Flow Valve

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Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
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600 and 700 Series have single molded body with glued valve.
Additional combinations available - call for details. Also available with short handle.

THREAD AND SOLVENT WELD VALVES



A2-VHT75



A2-VHT75Y



A2-VNPT75



A2-VHT75GH



A2-VHT75SH



A2-VNPT75SH

3/4" x 3/4" Mini Ball Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHT75	FHT x MHT	300	22 lbs.	100	●
A2-VHT75Y	FHT x MHT (yellow body)	300	22 lbs.	100	●
A2-VNPT75	FIPT x MIPT (blue handle)	300	22 lbs.	100	●
A2-VHT75GH	FHT x MHT *	300	22 lbs.	100	●
A2-VHT75SH	FHT x MHT (short handle)	300	21 lbs.	100	●
A2-VNPT75SH	FIPT x MIPT (blk short hnd)	400	28 lbs.	100	●

* Greenhouse Ball Valve FHT x MHT (handle turns away from MHT) orange handle.



A2-VHFP3/4P3/4



A2-VHFSP3/4

High Flow Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VHFSHT	FHS x MHT	125	18 lbs.	25	●
A2-VHFP3/4HT75	¾" soc/1" spig x MHT	350	37 lbs.	50	●
A2-VHFP3/4P3/4	¾" soc/1" spig	350	39 lbs.	50	●
A2-VHFSP3/4	FHS x ¾" soc/1" spig	250	36 lbs.	25	○

Additional variations can be made from base valve - call for details and pricing.



3/4" FHS x 3/4" MHT Ball Valves

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-FHS75SH	Short Handle	200	22 lbs.	50	○
A2-FHS75	Long Handle	200	21 lbs.	50	○

1/2" Socket/3/4" Spigot Shut Off Valves (ABS)

Socket/Spigot x Socket/Spigot

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A2-VP50P50	½"/¾" x ½"/¾"	300	21 lbs.	50	●
A2-VP50P50SH	½"/¾" x ½"/¾"	300	21 lbs.	50	●



A2-VP50P50SH



A2-VP50P50



Short Handle Valve Opening Tool

Part Number	Series	Box Qty	Box Wt	Stock
A5-VSHTOOL	¾" Socket Opening	1,500	33 lbs.	○
A5-VHFSHTOOL	1" Socket Opening	2,000	46 lbs.	●



A2-P3/4X4BVHT75



A2-P3/4X4BFHS75SH

Quad Valves

Part Number	Series	Box Qty	Box Wt	Stock
A2-P3/4X4BVHT75	VHT75 x ¾"	50	44 lbs.	○
A2-P3/4X4BFHS75SH	FHS75SH x ¾"	30	33 lbs.	○
A2-P10X4BVHT75	VHT75 x 1"	50	41 lbs.	○
A2-FHSX4BVHT75	VHT75 x ¾" FHS *	40	22 lbs.	○

* FHS bottom inlet connection.
Additional variations can be made - call for details and pricing.

INSERT FITTINGS



Insert Couplings

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-BC16	16mm	3,800	36 lbs.	100	●
A1-BC17	17mm	3,600	32 lbs.	100	●
A1-BC18	18mm	3,000	42 lbs.	100	●
A1-BC20	20mm *	2,000	38 lbs.	100	●

* .690" I.D. Tubing



Insert Couplings - Green Locking Rings

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-BC16R	16mm	3,600	47 lbs.	100	●
A1-BC20R	20mm	2,000	42 lbs.	100	●



Insert x Male Pipe Thread Adapters

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-B16TH75	16mm x ¾"	2,000	42 lbs.	100	○
A1-B17TH50	17mm x ½"	3,000	45 lbs.	100	○
A1-B17TH75	17mm x ¾"	2,000	42 lbs.	100	○



Insert Tees

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-BT16	16mm	1,800	33 lbs.	100	●
A1-BT17	17mm	1,900	32 lbs.	100	●



Insert Elbows

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-BE16	16mm	3,000	42 lbs.	100	○
A1-BE17	17mm	2,900	38 lbs.	100	○



Insert x Swivel Hose Thread Adapters

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-B18S	18mm	1,000	32 lbs.	100	○
A1-B20S	20mm	1,000	31 lbs.	100	○
A1-B18SS	18mm *	1,000	32 lbs.	100	○
A1-B20SS	20mm *	1,000	31 lbs.	100	○

* With Screen.



Insert x 425 Series Barb Couplings - Grommet for PVC

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-B16T0G	16mm	2,000	34 lbs.	500	○
A1-B17T0G	17mm	2,000	45 lbs.	500	○
A1-B20T0G	20mm	1,500	36 lbs.	500	○



Insert x 700 Series Barb Couplings

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-B16B700	16mm	3,000	41 lbs.	100	○
A1-B18B700	18mm	3,000	42 lbs.	100	●
A1-B20B700	20mm *	2,400	36 lbs.	100	●

* .690"-720" I.D. Tubing

BLACK PVC FITTINGS

NOTE: For best adhesion during installation, we recommend using Weld-On® 705™ PVC glue or equivalent.

Socket x Spigot Couplings



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-CP1/2	1/2"	1,200	39 lbs.	100	●
A5-CP3/4	3/4"	650	27 lbs.	50	○



3/4" Female Hose Swivel x Socket/Spigot Adapters

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-FHS1/2	½"/¾" w/washer	1,000	20 lbs.	100	○
A5-FHS3/4	¾"/1" w/washer	800	30 lbs.	100	●



3/4" 90 Degree Street Elbow

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-EP3/4S3/4	¾" soc x ¾" spig	300	25 lbs.	50	○



3/4" Female Hose Swivel x Male Hose Thread Elbow

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-E3/4HTS	¾" MHT x ¾" FHS w/washer	450	50 lbs.	50	●



Socket Elbow

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-EP3/4	3/4"	300	23 lbs.	50	○



Slip x Male Hose Thread Elbows

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-EP1/2HT	1/2"	750	50 lbs.	50	●
A5-EP3/4HT	3/4"	300	23 lbs.	50	●



Slip Tee

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-TP3/4	3/4"	350	31 lbs.	50	●



3/4" Socket x Male Hose Thread Tee

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-TP3/4HT	¾" soc x MHT x MHT	200	19 lbs.	20	●



3/4" Run Hose Tee

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-RHTHTSB	FHS x MHT x MHT	300	23 lbs.	25	○



A1-HTHTHS



A1-HTPV75S

3/4" Female Hose Swivel x Male Hose Thread Tees

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-HTHTHS	¾" x ¾" x ¾" w/washer	500	27 lbs.	50	●
A1-HTHTHSS	¾" x ¾" x ¾" w/screen	500	27 lbs.	50	○
A1-HTPV75S	¾" x ¾" x ¾" w/washer+shrader valve	500	39 lbs.	50	○
A1-HTPV75SS	¾" x ¾" x ¾" w/screen+shrader valve	350	28 lbs.	50	○



3/4" Socket x Socket x Spigot 'Y'

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-YP3/4P1/2	¾" x ¾" x ¾"	300	39 lbs.	25	●



3/4" Socket x Socket x Female Hose Thread 'Y'

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-YP3/4S	¾" x ¾" x FHT	250	39 lbs.	25	●

ADAPTERS & GROMMETS



Barb x 1/2" Spigot Adapters (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-B250P	250	1,000	18 lbs.	100	○
A5-B400P	400	2,000	33 lbs.	100	○
A5-B700P	700	2,000	33 lbs.	100	●



Barb x Socket/Spigot Adapters (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-B250P1/2	250 x ½"/¾"	2,000	32 lbs.	100	○
A5-B400P1/2	400 x ½"/¾"	1,500	27 lbs.	100	●
A5-B400P3/4	400 x ¾"/1"	1,000	26 lbs.	100	○
A5-B700P1/2	700 x ½"/¾"	1,500	30 lbs.	100	●
A5-B700P3/4	700 x ¾"/1"	1,000	31 lbs.	100	●
A1-B825P3/4	825 x ¾"/1"	800	29 lbs.	200	●



Double Barb x Socket/Spigot Adapters (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-B12P1/2	12mm x ½"/¾"	1,100	23 lbs.	100	○
A5-B12P3/4	12mm x ¾"/1"	1,100	24 lbs.	100	○



Grommets

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-AGRO	400/420	5,000	28 lbs.	100	●
A1-AGRO17	425	5,000	38 lbs.	500	○
A1-AGRO700	700	2,000	26 lbs.	500	●
A1-AGRO825	825	2,000	17 lbs.	200	●

Series	Hole Size
400	9/16"
420	16mm or 5/8"
425	17mm or 11/16"
700	3/4"
825	15/16"

Grommet Installation:
Use a non-petroleum based lubricant when inserting the barb into the grommet and avoid twisting to prevent tearing.

700 Series Barb minimum 1½" PVC pipe diameter.
825 Series Barb minimum 3" PVC pipe diameter.



Hose Thread x Socket/Spigot Adapters (PVC)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-MHS1/2	¾" MHT x ½"/¾"	900	41 lbs.	100	○
A5-MHS3/4	¾" MHT x ¾"/1"	600	41 lbs.	100	○
A5-MHS1	¾" MHT x 1"/1¼"	400	41 lbs.	50	○



Hose Thread x Short Socket/Spigot Adapters (PVC)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-MHSS1/2	¾" MHT x ½"/¾"	1,400	59 lbs.	100	●
A5-MHSS3/4	¾" MHT x ¾"/1"	800	38 lbs.	100	●



825 Barb and Grommet Combination (ABS)

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A1-B825T0G	825 x ¾"/1"	600	23 lbs.	200	○



ACCESSORIES & COMPONENTS

Figure 8 End Closures
Economy - For Nominal O.D. Tubing



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A168	.620" (16mm)	2,400	28 lbs.	200	○
A5-A188	.710" (18mm)	3,000	19 lbs.	200	●
A5-A208	.810" (20mm)	1,600	22 lbs.	200	●

Figure 8 End Closures
Heavy Duty - For Nominal O.D. Tubing



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A168H	.620" (16mm)	3,200	35 lbs.	200	●
A5-A188H	.710" (18mm)	3,000	34 lbs.	200	●
A5-A208H	.810" (20mm)	2,000	30 lbs.	200	●
A5-A758H	.940" (¾")	1,500	25 lbs.	100	●
A5-A108H	1.20" (1")	900	24 lbs.	100	●

Patented

Figure 6 End Closures
For Nominal O.D. Tubing


A5-A186


A5-A206

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A186	.710" (18mm)	2,000	12 lbs.	100	●
A5-A206	.810" (20mm)	1,500	13 lbs.	100	●

Oval End Closures
For Nominal O.D. Tubing



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A160	.620" (16mm)	4,000	36 lbs.	200	○
A5-A180	.710" (18mm)	4,000	39 lbs.	200	○
A5-A200	.810" (20mm)	2,800	30 lbs.	200	○
A5-A750	.940" (¾")	1,600	31 lbs.	100	○
A5-A100	1.20" (1")	1,100	30 lbs.	100	○

Dripline Clips



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A16CLP	16mm	18,000	55 lbs.	1	○
A5-A18CLP	18mm	6,500	56 lbs.	1	○
A5-A18CLP-500B	18mm	-	-	500	○
A5-A20CLP	20mm	5,100	57 lbs.	1	○

Dripper Outlet Plugs



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-DLPLUG16	16mm	12,500	23 lbs.	250	○
A5-DLPLUG1820	18-20mm	18,000	37 lbs.	250	○

Dual Line Drip Stake
13" Length



Part Number	Fits Tubing	Box Qty	Box Wt	Stock
A5-DLDS1620	16-20mm	160	25 lbs.	○

Dual Goof Plugs - Racked



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-AGPDR	4mm x 7mm	13,000	23 lbs.	500	●
A5-AGPDR-100B	4mm x 7mm	7,000	20 lbs.	100	●

4mm has smaller size on dual goof plug.
4mm = .160" 7mm = .275"

Goof Plugs - Small



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-AGP4	4mm (.200", .240")	15,000	13 lbs.	500	●
A5-AGP6	6mm (.235")	6,000	7 lbs.	500	○
A5-AGP8	8mm (.310", .362")	6,000	9 lbs.	500	●
A5-AGP10	10mm (.388", .440")	4,000	8 lbs.	500	●

10mm fits 400 Series Barb.

Goof Plugs - Large


A5-AGP12 A5-AGP400

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-AGP12	12mm Hole w/Rubber	5,000	21 lbs.	500	●
A5-AGP400	400 Barb	5,000	13 lbs.	500	●
A1-AGP700	700 Barb	4,500	33 lbs.	100	○
A1-AGP700GRO	700 Barb w/Grommet	4,500	33 lbs.	100	○

700 Series Barb use with Oval Hose.
700 Series Barb with Grommet use with PVC.


B5-SBIT16


B5-SBIT19

Drill Bits for Grommets and Bondable Saddles

Part Number	Hole Size	Grommet	Box Qty	Bag Qty	Stock
B5-SBIT14	14mm - 9/16"	A1-AGRO	100	1	●
B5-SBIT16	16mm - 5/8"	A1-AGRO	100	1	○
B5-SBIT17	17mm - 11/16"	A1-AGRO17	100	1	○
B5-SBIT19	19mm - 3/4"	A1-AGRO700	100	1	●
B5-SBIT25	25mm - 15/16"	A1-AGRO825	100	1	●
B5-S10BIT	1"	Bondable Saddle	100	1	●

Use the low speed setting on your drill as high speeds can result in irregular holes, pipe cracking and premature bit wear.

Drill and Tap Combo Bits



Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
B5-DTBIT25	¼" NIPT	100	22 lbs.	1	○
B5-DTBIT50	½" NIPT	100	22 lbs.	1	●
B5-DTBIT75	¾" NIPT	100	22 lbs.	1	●



A5-A18H A5-A25H A5-A32H

Dripline Support Hooks

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-A16H	16mm	6,000	27 lbs.	500	●
A5-A18H	18mm	5,500	36 lbs.	500	●
A5-A18HB	18mm	5,000	34 lbs.	500	●
A5-A20H	20mm	4,000	27 lbs.	200	●
A5-A25H	3/4"	2,000	28 lbs.	200	●
A5-A32H	1"	1,000	69 lbs.	100	●



A5-DLDC18203 A5-DLDC18205 A5-DLDC1820V

Dual Line Drip Clips

Part Number	Series	Box Qty	Box Wt	Stock
A5-DLDC18203	18-20mm 3" Long	1,200	27 lbs.	●
A5-DLDC18205	18-20mm 5" Long	900	26 lbs.	●
A5-DLDC1820V	18-20mm Variable Length	800	24 lbs.	○



Curls

Part Number	Series	Box Qty	Box Wt	Stock
B5-5CURL3	3" for .700"/.710" O.D.	2,500	25 lbs.	●
B5-5CURL4	4" for .700"/.710" O.D.	2,000	27 lbs.	●
B5-6CURL3	3" for Nominal .800" O.D.	2,000	22 lbs.	●
B5-6CURL4	4" for Nominal .800" O.D.	1,600	23 lbs.	●
B5-7CURL4	4" for Nominal .900" O.D.	1,100	21 lbs.	●

Additional sizes and lengths (i.e. 15" or 18") are available - call for details.



B5-S710 B5-S900

Wire Stakes

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
B5-S455	'J' Microtubing	1,000	12 lbs.	1	●
B5-S710	'J' 16/18mm	1,000	27 lbs.	1	●
B5-S710B	'J' 16/18mm	1,000	33 lbs.	100	○
B5-S900	'U' ¾" Hose	1,000	41 lbs.	1	●

All Wire Stakes are Electroplated.



Wire Stake

Part Number	Series	Box Qty	Box Wt	Stock
B5-SI1000	'U' ½"-1" Hose, 6"Length	1,000	16 lbs.	●



Poke and Plug Punch/Insertion Tool

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
B5-APPT	4mm for drippers	1,000	35 lbs.	1	●



Ejector Style Hole Punches

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-AP025	2.5mm for drippers/BC170	170	36 lbs.	10	●
A5-AP030	3.0mm for 4/7mm	170	36 lbs.	10	●
A5-AP036	3.6mm for 250 Barb	170	36 lbs.	10	●
A5-AP070	7.0mm for 400 Barb	170	35 lbs.	10	●
A5-AP012	12mm for 500 Barb	10	5 lbs.	10	○
A5-AP	Without Tip	170	33 lbs.	10	●



A5-ACT400 A5-APT400

Cutting and Inserting Tools

Part Number	Series	Box Qty	Box Wt	Bag Qty	Stock
A5-ACT400	400	140	40 lbs.	10	●
A5-APT400	400	1	1 lb.	1	○



Ejector Style Punch Replacement Tips

Part Number	Hole Size	Bag Qty	Stock
A5-APT025	2.5mm	1	○
A5-APT030	3.0mm	1	○
A5-APT036	3.6mm	1	○
A5-APT070	7.0mm	1	●
A5-APT012	12mm	1	○

Other tips are available by special order: 4.0, 5.0, 6.0, 8.0, 9.0, 10, 11, 13 and 14mm.

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