



Barbed Insert Fittings



PRODUCT

Contact Spears® for any Information not found.

Insert Fittings Product Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Spiral Barb Tee - PVC

Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-003	3/8	50	800	140	2.23
----------	-----	----	-----	-----	------



Spiral Barb Tee - PVC

Insert x Insert x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-099	3/4X3/8	25	450	140	4.03
1401-129	1X3/8	25	200	140	4.40



Spiral Barb 90° Ell - PP

Mipt x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1413-073	1/2X3/8	50	200	140	1.59
1413-099	3/4X3/8	50	200	140	1.59



Spiral Barb Coupling - PVC

Spiral Barb x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-003	3/8	50	300	140	2.39
----------	-----	----	-----	-----	------



Spiral Barb Coupling - PVC

Insert x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-099	3/4X3/8	50	600	140	2.61
1429-129	1X3/8	50	200	140	2.79



Spiral Barb Male Adapter - PP

Mipt x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1436-073	1/2X3/8	50	300	140	1.59
1436-099	3/4X3/8	50	300	140	1.59



Insert Adapter - PVC White

Insert x I.P.S. Spigot

460-005	1/2	50	300	040	2.78
460-007	3/4	50	200	040	3.64
460-007N	3/4X3/4X1/2	50	200	040	3.64
460-010	1	50	0	040	3.81



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Insert Adapter - PVC White (continued)

Insert x I.P.S. Spigot

460-012	1-1/4	20	160	040	3.94
460-012N	1-1/4X1-1/4X1	20	160	040	3.94
460-015	1-1/2	25	0	040	4.22
460-020	2	10	0	040	7.02
460-030	3	25	0	040	23.72
460-040	4	10	0	040	27.31
460-131N	3/4X1X3/4	20	160	040	4.24
460-132N	1X1-1/4X1	20	160	040	4.60
1432-060	6	8	0	140	117.39
1432-080	8	4	0	140	233.05

N = Nesting

Insert Adapter - PVC Gray

Insert x I.P.S. Spigot

460-005G	1/2	50	300	043	3.08
460-007G	3/4	50	200	043	4.05
460-010G	1	50	0	043	4.22
460-012G	1-1/4	20	160	043	4.38
460-015G	1-1/2	25	0	043	4.68
460-020G	2	10	0	043	7.80
460-030G	3	25	0	043	26.34
460-040G	4	10	0	043	29.17
1432-060G	6	4	0	140	130.44



Insert Adapter - CPVC

Insert x I.P.S. Spigot

460-005C	1/2	50	300	010	4.66
460-007C	3/4	50	200	010	6.06
460-010C	1	50	0	010	6.33
460-015C	1-1/2	25	0	010	8.09
460-020C	2	10	0	010	11.67
460-030C	3	25	0	010	39.44



Insert Adapter - PVC White

Insert x Socket

474-005	1/2	50	600	040	2.53
474-007	3/4	50	400	040	3.03
474-010	1	50	0	040	3.22
474-012	1-1/4	25	0	040	5.11
474-015	1-1/2	25	0	040	5.66
474-020	2	25	0	040	10.48
474-030	3	15	0	040	31.24
474-040	4	15	0	040	35.72





Insert Fittings Product Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Insert Adapter - PVC Gray

Insert x Socket

474-005G	1/2	50	600	043	2.80
474-007G	3/4	50	400	043	3.39
474-010G	1	50	0	043	3.58
474-012G	1-1/4	25	0	043	5.67
474-015G	1-1/2	25	0	043	5.88
474-020G	2	25	0	043	11.64



Insert Adapter 90° Ell - PVC White

Insert x I.P.S. Spigot

460A-015	1-1/2	10	80	040	8.39
----------	-------	----	----	-----	------



Tee - PVC

Insert x Insert x Insert

1401-005	1/2	50	400	140	2.59
1401-007	3/4	50	0	140	2.80
1401-010	1	25	150	140	3.64
1401-012	1-1/4	10	80	140	5.69
1401-015	1-1/2	10	0	140	6.46
1401-020	2	10	0	140	12.76
1401-040 ¹	4	2	0	140	196.26
1401-060 ¹	6	1	0	140	367.63

¹ Assembled molded components



Tee - CPVC

Insert x Insert x Insert

1401-005C	1/2	50	400	143	4.34
-----------	-----	----	-----	-----	------



Tee, Reducing - PVC

Insert x Insert x Insert

1401-074	1/2X3/4	25	400	140	6.99
1401-094	3/4X1/2X1/2	25	300	140	3.51
1401-101	3/4X1/2	25	150	140	3.17
1401-102	3/4X1	25	250	140	8.05
1401-124	1X3/4X1/2	25	200	140	5.09
1401-125	1X3/4X3/4	25	200	140	6.05
1401-130	1X1/2	25	200	140	3.72
1401-131	1X3/4	25	200	140	3.75
1401-132	1X1-1/4	25	0	140	11.24
1401-156	1-1/4X1X1/2	25	0	140	6.95
1401-157	1-1/4X1X3/4	25	0	140	6.95
1401-158	1-1/4X1X1	25	0	140	6.95
1401-166	1-1/4X1/2	25	0	140	4.88



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Tee, Reducing - PVC (continued)

Insert x Insert x Insert

1401-167	1-1/4X3/4	25	0	140	4.88
1401-168	1-1/4X1	25	0	140	4.88
1401-169	1-1/4X1-1/2	25	0	140	4.88
1401-201	1-1/2X1-1/4X3/4	10	80	140	8.77
1401-202	1-1/2X1-1/4X1	10	80	140	8.77
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	8.77
1401-209	1-1/2X1/2	10	80	140	8.52
1401-210	1-1/2X3/4	10	80	140	8.52
1401-211	1-1/2X1	10	80	140	8.52
1401-212	1-1/2X1-1/4	10	0	140	8.52
1401-241	2X1-1/2X1-1/2	10	0	140	11.24
1401-247	2X1/2	10	0	140	12.13
1401-248	2X3/4	10	0	140	12.13
1401-249	2X1	10	0	140	12.13
1401-250	2X1-1/4	10	0	140	12.68
1401-251	2X1-1/2	10	0	140	13.06
1401-335 ¹	3X1	5	0	140	135.55
1401-338 ¹	3X2	5	0	140	149.38

¹ Assembled molded components

Tee - PVC

Insert x Insert x Fipt

1402-005	1/2	50	400	140	2.80
1402-007	3/4	50	0	140	4.22
1402-010	1	25	0	140	4.97
1402-012	1-1/4	10	0	140	7.31
1402-015	1-1/2	10	0	140	12.68
1402-020	2	10	0	140	15.74



Tee, Reducing - PVC

Insert x Insert x Fipt

1402-094	3/4X1/2X1/2	25	200	140	4.59
1402-101	3/4X1/2	25	150	140	3.51
1402-124	1X3/4X1/2	25	200	140	5.73
1402-125	1X3/4X3/4	25	0	140	6.82
1402-130	1X1/2	25	200	140	4.60
1402-131	1X3/4	25	200	140	4.60
1402-156	1-1/4X1X1/2	25	0	140	8.45
1402-157	1-1/4X1X3/4	25	0	140	9.89
1402-166	1-1/4X1/2	25	0	140	6.27
1402-167	1-1/4X3/4	25	0	140	6.92
1402-168	1-1/4X1	25	0	140	7.31
1402-199	1-1/2X1-1/4X1/2	25	0	140	13.32
1402-201	1-1/2X1-1/4X3/4	10	0	140	14.83
1402-202	1-1/2X1-1/4X1	10	0	140	16.98
1402-209	1-1/2X1/2	10	80	140	9.63
1402-210	1-1/2X3/4	10	80	140	11.40
1402-211	1-1/2X1	10	0	140	11.40
1402-212	1-1/2X1-1/4	10	0	140	11.71



Insert Fittings Product Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Tee, Reducing - PVC (continued)					
Insert x Insert x Fipt					
1402-247	2X1/2	10	0	140	12.92
1402-248	2X3/4	10	0	140	13.66
1402-249	2X1	10	0	140	15.02
1402-251	2X1-1/2	10	0	140	15.74

Tee, Reducing - PVC

Insert x Insert x Mipt

1403-130	1X1X1/2	25	200	140	5.98
1403-131	1X1X3/4	25	200	140	5.98

Tee - PVC

Insert x Insert x Mipt

1403-005	1/2	50	500	140	3.58
1403-007	3/4	50	0	140	4.88
1403-010	1	25	0	140	6.27
1403-012	1-1/4	10	80	140	8.16
1403-015	1-1/2	10	0	140	9.12
1403-020	2	10	0	140	14.19

Tee - PVC

Insert x Insert x Socket

1404-007	3/4	50	0	140	4.57
1404-010	1	25	0	140	4.97

Tee, Reducing - PVC

Insert x Insert x Socket

1404-101	3/4X1/2	50	0	140	7.17
1404-102	3/4X3/4X1	100	0	140	8.05

90° EII - PVC

Insert x Insert

1406-005	1/2	50	1000	140	2.37
1406-007	3/4	50	400	140	2.89
1406-010	1	25	200	140	3.20
1406-012	1-1/4	10	180	140	3.58
1406-015	1-1/2	10	80	140	4.22
1406-020	2	10	0	140	5.89
1406-025	2-1/2	10	0	140	26.60
1406-040 ¹	4	2	0	140	88.07

¹ Assembled

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
90° EII - CPVC					
Insert x Fipt					
1407-007C	3/4	50	0	142	4.05

90° EII, Reducing - PVC

Insert x Insert

1406-101	3/4X1/2	25	300	140	2.74
1406-131	1X3/4	25	300	140	3.36
1406-168	1-1/4X1	25	0	140	4.97
1406-212	1-1/2X1-1/4	10	80	140	5.89
1406-251	2X1-1/2	10	0	140	6.48

90° EII, Reducing - CPVC

Insert x Fipt

1407-074C	1/2X3/4	20	160	143	8.09
-----------	---------	----	-----	-----	------

90° EII - PVC

Insert x Fipt

1407-005	1/2	50	400	140	2.66
1407-007	3/4	50	0	140	2.89
1407-010	1	25	0	140	3.72
1407-012	1-1/4	10	140	140	5.51
1407-015	1-1/2	10	0	140	6.27
1407-020	2	10	0	140	10.58

90° EII, Reducing - PVC

Insert x Fipt

1407-074	1/2X3/4	50	400	140	2.74
1407-101	3/4X1/2	50	400	140	2.74
1407-130	1X1/2	25	300	140	2.89
1407-131	1X3/4	25	200	140	3.36
1407-166	1-1/4X1/2	25	200	140	4.97
1407-167	1-1/4X3/4	25	250	140	4.97
1407-168	1-1/4X1	25	0	140	4.97
1407-211	1-1/2X1	10	80	140	5.66
1407-212	1-1/2X1-1/4	10	80	140	6.15
1407-251	2X1-1/2	10	0	140	10.04

90° EII - PVC

Insert x Mipt

1413-005	1/2	50	600	140	2.97
----------	-----	----	-----	-----	------



Insert Fittings Product
Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

90° EII - PVC (continued)

Insert x Mipt

1413-007	3/4	50	400	140	4.13
1413-010	1	25	200	140	5.40
1413-012	1-1/4	10	120	140	7.18
1413-015	1-1/2	10	80	140	9.54
1413-015H	1-1/2	10	80	140	9.54
1413-020	2	10	0	140	15.06

90° EII - CPVC

Insert x Mipt

1413-020C	2	10	0	143	18.75
-----------	---	----	---	-----	-------

90° EII Reducing - PVC

Insert x Mipt

1413-055	3/8X3/4	50	200	140	3.20
1413-101	3/4X1/2	50	300	140	5.14
1413-130	1X1/2	50	400	140	5.85
1413-131	1X3/4	50	0	140	6.28

90° Side Outlet EII - PVC

Insert x Insert x Fipt

1414-101	3/4X3/4X1/2	50	0	140	6.82
1414-130	1X1X1/2	25	200	140	7.33
1414-131	1X3/4	50	0	140	7.33

Side Outlet Tee - PVC

Insert x Insert x Insert x Fipt

1416-007	3/4X3/4	50	0	140	8.80
----------	---------	----	---	-----	------

Side Outlet Tee, Reducing - PVC

Insert x Insert x Insert x Fipt

1416-101	3/4X1/2	50	0	140	8.80
1416-130	1X1/2	50	0	140	9.35
1416-131	1X3/4	50	0	140	9.35

Cross - PVC

Insert

1420-005	1/2	50	0	140	5.00
1420-007	3/4	25	150	140	6.78
1420-010	1	25	0	140	8.42

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Coupling - PVC

Insert x Insert

1429-005	1/2	50	600	140	1.20
1429-007	3/4	50	600	140	1.45
1429-010	1	50	400	140	1.51
1429-012	1-1/4	25	200	140	2.24
1429-015	1-1/2	25	0	140	2.65
1429-020	2	25	0	140	5.01
1429-025	2-1/2	10	0	140	13.00
1429-030	3	10	0	140	22.07
1429-040	4	10	0	140	30.04
1429-060	6	8	0	140	85.11
1429-080	8	4	0	140	184.23

Coupling - CPVC

Insert x Insert

1429-005C	1/2	50	600	142	1.71
1429-007C	3/4	50	600	142	2.47
1429-010C	1	50	400	143	2.15

Coupling, Reducer - PVC

Insert x Insert

1429-101	3/4X1/2	50	600	140	1.96
1429-130	1X1/2	50	400	140	2.71
1429-131	1X3/4	50	400	140	2.02
1429-1315	1X7/8	50	400	140	4.14
1429-167	1-1/4X3/4	25	300	140	4.14
1429-168	1-1/4X1	25	200	140	3.20
1429-210	1-1/2X3/4	25	275	140	5.01
1429-211	1-1/2X1	25	200	140	4.83
1429-212	1-1/2X1-1/4	25	0	140	3.75
1429-249	2X1	10	80	140	6.82
1429-250	2X1-1/4	10	80	140	6.35
1429-251	2X1-1/2	10	80	140	6.04
1429-291	2-1/2X1-1/2	10	0	140	17.27
1429-338	3X2	12	0	140	48.84
1429-422	4X3	18	0	140	85.88
1429-532	6X4	8	0	140	97.69

Female Adapter - PVC

Fipt x Insert

1435-005	1/2	50	300	140	5.26
1435-007	3/4	50	400	140	5.73
1435-010	1	50	0	140	6.35
1435-012	1-1/4	25	0	140	7.79
1435-015	1-1/2	25	0	140	9.89

Insert Fittings Product Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Female Adapter - PVC (continued)

Fipt x Insert

1435-020	2	10	80	140	12.58
----------	---	----	----	-----	-------

Female Adapter, Reducing - PVC

Fipt x Insert

1435-074	1/2X3/4	50	500	140	7.33
1435-101	3/4X1/2	50	600	140	6.79
1435-102	3/4X1	50	0	140	7.57
1435-131*	1X3/4	50	0	140	5.00

* PVC White

Female Adapter - CPVC

Fipt x Insert

1435-005C	1/2	50	300	143	5.98
1435-007C	3/4	50	400	143	8.17
1435-010C	1	50	0	143	9.28
1435-012C	1-1/4	25	0	143	10.18
1435-015C	1-1/2	25	0	143	12.85
1435-020C	2	10	0	143	16.84

Female Adapter, Special Reinforced - PVC

SR Fipt x Insert

1435-005SR	1/2	50	400	142	7.03
1435-007SR	3/4	50	400	142	8.33
1435-010SR	1	50	0	142	9.91
1435-015SR	1-1/2	20	0	142	27.97

Male Adapter - PVC

Mipt x Insert

1436-002	1/4	200	1200	140	1.18
1436-005	1/2	50	600	140	1.18
1436-007	3/4	50	400	140	1.45
1436-010	1	50	0	140	1.49
1436-012	1-1/4	20	160	140	2.37
1436-015	1-1/2	25	0	140	2.65
1436-015W	1-1/2	20	0	140	5.59
1436-020	2	10	0	140	5.08
1436-025	2-1/2	10	0	140	20.86
1436-030	3	10	0	140	24.07
1436-040	4	10	0	140	33.46
1436-060G ¹	6	4	0	140	188.73
1436-060 ²	6	4	0	140	169.85

¹ Fabricated - Gray PVC

² Fabricated - White PVC

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Male Adapter - CPVC

Mipt x Insert

1436-005C	1/2	50	600	143	1.71
1436-007C	3/4	50	400	143	2.07
1436-010C	1	50	0	143	2.14
1436-012C	1-1/4	20	160	143	3.20
1436-015C	1-1/2	25	0	143	3.81
1436-020C	2	10	0	143	7.27
1436-030C	3	10	0	143	32.86
1436-040C	4	10	0	143	50.80
1436-060C	6	4	0	143	377.68
1436-080CF	8	1	0	143	437.66

Male Adapter, Reducing - PVC

Mipt x Insert

1436-074	1/2X3/4	50	300	140	3.75
1436-075	1/2X1	50	200	140	3.91
1436-101	3/4X1/2	50	400	140	3.39
1436-102	3/4X1	50	400	140	3.91
1436-131	1X3/4	50	0	140	3.51
1436-132	1X1-1/4	25	200	140	4.72
1436-133	1X1-1/2	25	0	140	7.13
1436-167	1-1/4X3/4	25	200	140	4.14
1436-168	1-1/4X1	25	200	140	4.43
1436-169	1-1/4X1-1/2	10	120	140	7.13
1436-211	1-1/2X1	25	0	140	5.40
1436-212	1-1/2X1-1/4	25	0	140	5.40
1436-213	1-1/2X2	10	80	140	9.15
1436-251	2X1-1/2	10	80	140	9.08
1436-252 ¹	2X2-1/2	10	0	140	16.49
1436-292 ¹	2-1/2X2	10	0	140	72.79

¹ Assembled molded components

Male Adapter, Reducing - CPVC

Mipt x Insert

1436-073C	1/2X3/8	50	300	143	1.87
1436-074C	1/2X3/4	50	300	142	4.26
1436-101C	3/4X1/2	50	600	142	4.83
1436-212C	1-1/2X1-1/4	25	0	143	7.48

Female Hose Adapter - PVC

Female Hose Thread x Insert

1435-007FHT	3/4	50	400	140	6.82
-------------	-----	----	-----	-----	------



Insert Fittings Product
Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
-------------	------	--------	----------	-----------	------

Male Hose Adapter - PVC



Male Hose Thread x Insert

1436-007MHT	3/4	50	400	140	3.53
-------------	------------	----	-----	-----	------

Male Hose Adapter, Reducing - PVC



Male Hose Thread x Insert

1436-101MHT	3/4X1/2	50	400	140	3.36
1436-102MHT	3/4X1	50	400	140	3.85

Pool Adapter - PVC



Mipt x Hose ID

1436-204	1-1/2X1-1/2X1-1/4	25	0	140	6.78
----------	--------------------------	----	---	-----	------

Pool Adapter - PP



Mipt x Hose ID

Not NSF® Approved

1436-204P	1-1/2X1-1/2X1-1/4	25	0	140	6.78
-----------	--------------------------	----	---	-----	------

Plug - PVC



Insert

1449-005	1/2	100	600	140	2.15
1449-007	3/4	100	1200	140	2.24
1449-010	1	50	600	140	3.02
1449-012	1-1/4	25	300	140	3.83
1449-015	1-1/2	25	300	140	4.18
1449-020	2	10	120	140	7.36

Lay Flat Plug - PVC



Insert

For Lay Flat Type Hose

1449-030LF	3	4	0	140	28.49
1449-040LF	4	4	0	140	37.35
1449-060LF	6	1	6	140	202.80