

Insert Fittings Product
Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Spiral Barb Tee - PVC

Spiral Barb

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

1401-003	3/8	50	800	140	1.91
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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	3.46
1401-129	1X3/8	25	200	140	3.77



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	1.36
1413-099	3/4X3/8	50	200	140	1.36



Spiral Barb Coupling - PVC

Spiral Barb x Spiral Barb

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

1429-003	3/8	50	300	140	2.05
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Spiral Barb Coupling - PVC

Insert x Spiral Barb

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

1429-099	3/4X3/8	50	600	140	2.24
1429-129	1X3/8	50	200	140	2.39



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	1.36
1436-099	3/4X3/8	50	300	140	1.36



Insert Adapter - PVC White

Insert x I.P.S. Spigot

460-005	1/2	50	300	040	2.38
460-007	3/4	50	200	040	3.13
460-007N	3/4X3/4X1/2	50	200	040	3.13
460-010	1	50	0	040	3.27



Made in the U.S.A.

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
 See MSRP-1 Sheet or Check Spears® On-line Catalog @ www.spearsmfg.com for Pricing

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Insert Adapter - PVC White (continued)

Insert x I.P.S. Spigot

460-012	1-1/4	20	160	040	3.37
460-012N	1-1/4X1-1/4X1	20	160	040	3.37
460-015	1-1/2	25	0	040	3.62
460-020	2	10	0	040	6.02
460-030	3	25	0	040	20.33
460-040	4	10	0	040	23.41
460-131N	3/4X1X3/4	20	160	040	3.64
460-132N	1X1-1/4X1	20	160	040	3.94
1432-060	6	8	0	140	100.64
1432-080	8	4	0	140	199.81

N = Nesting

Insert Adapter - PVC Gray

Insert x I.P.S. Spigot

460-005G	1/2	50	300	043	2.64
460-007G	3/4	50	200	043	3.48
460-010G	1	50	0	043	3.62
460-012G	1-1/4	20	160	043	3.75
460-015G	1-1/2	25	0	043	4.02
460-020G	2	10	0	043	6.69
460-030G	3	25	0	043	22.58
460-040G	4	10	0	043	25.00
1432-060G	6	4	0	140	111.83



Insert Adapter - CPVC

Insert x I.P.S. Spigot

460-005C	1/2	50	300	001	1.60
460-007C	3/4	50	200	001	2.08
460-010C	1	50	0	001	2.17
460-015C	1-1/2	25	0	001	2.78
460-020C	2	10	0	001	4.00
460-030C	3	25	0	001	13.55



Insert Adapter - PVC White

Insert x Socket

474-005	1/2	50	600	040	2.17
474-007	3/4	50	400	040	2.60
474-010	1	50	0	040	2.76
474-012	1-1/4	25	0	040	4.38
474-015	1-1/2	25	0	040	4.85
474-020	2	25	0	040	8.99
474-030	3	15	0	040	26.79
474-040	4	15	0	040	30.62





Insert Fittings Product Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Insert Adapter - PVC Gray

Insert x Socket

474-005G	1/2	50	600	043	2.40
474-007G	3/4	50	400	043	2.91
474-010G	1	50	0	043	3.07
474-012G	1-1/4	25	0	043	4.86
474-015G	1-1/2	25	0	043	5.04
474-020G	2	25	0	043	9.98



Insert Adapter 90° Ell - PVC White

Insert x I.P.S. Spigot

460A-015	1-1/2	10	80	040	7.19
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Tee - PVC

Insert x Insert x Insert

1401-005	1/2	50	400	140	2.22
1401-007	3/4	50	0	140	2.40
1401-010	1	25	150	140	3.13
1401-012	1-1/4	10	80	140	4.88
1401-015	1-1/2	10	0	140	5.54
1401-020	2	10	0	140	10.93
1401-040 ¹	4	2	0	140	168.27
1401-060 ¹	6	1	0	140	315.20

¹ Assembled molded components



Tee - CPVC

Insert x Insert x Insert

1401-005C	1/2	50	400	143	3.71
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Tee, Reducing - PVC

Insert x Insert x Insert

1401-074	1/2X3/4	25	400	140	5.99
1401-094	3/4X1/2X1/2	25	300	140	3.00
1401-101	3/4X1/2	25	150	140	2.72
1401-102	3/4X1	25	250	140	6.91
1401-124	1X3/4X1/2	25	200	140	4.37
1401-125	1X3/4X3/4	25	200	140	5.19
1401-130	1X1/2	25	200	140	3.18
1401-131	1X3/4	25	200	140	3.21
1401-132	1X1-1/4	25	0	140	9.64
1401-156	1-1/4X1X1/2	25	0	140	5.96
1401-157	1-1/4X1X3/4	25	0	140	5.96
1401-158	1-1/4X1X1	25	0	140	5.96
1401-166	1-1/4X1/2	25	0	140	4.19



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee, Reducing - PVC (continued)

Insert x Insert x Insert

1401-167	1-1/4X3/4	25	0	140	4.19
1401-168	1-1/4X1	25	0	140	4.19
1401-169	1-1/4X1-1/2	25	0	140	4.19
1401-201	1-1/2X1-1/4X3/4	10	80	140	7.51
1401-202	1-1/2X1-1/4X1	10	80	140	7.51
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	7.51
1401-209	1-1/2X1/2	10	80	140	7.31
1401-210	1-1/2X3/4	10	80	140	7.31
1401-211	1-1/2X1	10	80	140	7.31
1401-212	1-1/2X1-1/4	10	0	140	7.31
1401-241	2X1-1/2X1-1/2	10	0	140	9.64
1401-247	2X1/2	10	0	140	10.39
1401-248	2X3/4	10	0	140	10.39
1401-249	2X1	10	0	140	10.39
1401-250	2X1-1/4	10	0	140	10.88
1401-251	2X1-1/2	10	0	140	11.20
1401-335 ¹	3X1	5	0	140	116.21
1401-338 ¹	3X2	5	0	140	128.07

¹ Assembled molded components

Tee - PVC

Insert x Insert x Fipt

1402-005	1/2	50	400	140	2.40
1402-007	3/4	50	0	140	3.62
1402-010	1	25	0	140	4.26
1402-012	1-1/4	10	0	140	6.26
1402-015	1-1/2	10	0	140	10.88
1402-020	2	10	0	140	13.49



Tee, Reducing - PVC

Insert x Insert x Fipt

1402-094	3/4X1/2X1/2	25	200	140	3.93
1402-101	3/4X1/2	25	150	140	3.00
1402-124	1X3/4X1/2	25	200	140	4.91
1402-125	1X3/4X3/4	25	0	140	5.85
1402-130	1X1/2	25	200	140	3.94
1402-131	1X3/4	25	200	140	3.94
1402-156	1-1/4X1X1/2	25	0	140	7.25
1402-157	1-1/4X1X3/4	25	0	140	8.48
1402-166	1-1/4X1/2	25	0	140	5.38
1402-167	1-1/4X3/4	25	0	140	5.93
1402-168	1-1/4X1	25	0	140	6.26
1402-199	1-1/2X1-1/4X1/2	25	0	140	11.42
1402-201	1-1/2X1-1/4X3/4	10	0	140	12.72
1402-202	1-1/2X1-1/4X1	10	0	140	14.55
1402-209	1-1/2X1/2	10	80	140	8.26
1402-210	1-1/2X3/4	10	80	140	9.78
1402-211	1-1/2X1	10	0	140	9.78
1402-212	1-1/2X1-1/4	10	0	140	10.03



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	11.08
1402-248	2X3/4	10	0	140	11.71
1402-249	2X1	10	0	140	12.88
1402-251	2X1-1/2	10	0	140	13.49

Tee, Reducing - PVC

Insert x Insert x Mipt

1403-130	1X1X1/2	25	200	140	5.13
1403-131	1X1X3/4	25	200	140	5.13

Tee - PVC

Insert x Insert x Mipt

1403-005	1/2	50	500	140	3.07
1403-007	3/4	50	0	140	4.19
1403-010	1	25	0	140	5.38
1403-012	1-1/4	10	80	140	6.99
1403-015	1-1/2	10	0	140	7.82
1403-020	2	10	0	140	12.17

Tee - PVC

Insert x Insert x Socket

1404-007	3/4	50	0	140	3.91
1404-010	1	25	0	140	4.26

Tee, Reducing - PVC

Insert x Insert x Socket

1404-101	3/4X1/2	50	0	140	6.15
1404-102	3/4X3/4X1	100	0	140	6.91

90° EII - PVC

Insert x Insert

1406-005	1/2	50	1000	140	2.03
1406-007	3/4	50	400	140	2.48
1406-010	1	25	200	140	2.75
1406-012	1-1/4	10	180	140	3.07
1406-015	1-1/2	10	80	140	3.62
1406-020	2	10	0	140	5.05
1406-025	2-1/2	10	0	140	22.81
1406-040 ¹	4	2	0	140	75.52

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	3.48

90° EII, Reducing - PVC

Insert x Insert

1406-101	3/4X1/2	25	300	140	2.35
1406-131	1X3/4	25	300	140	2.88
1406-168	1-1/4X1	25	0	140	4.26
1406-212	1-1/2X1-1/4	10	80	140	5.05
1406-251	2X1-1/2	10	0	140	5.56

90° EII, Reducing - CPVC

Insert x Fipt

1407-074C	1/2X3/4	20	160	143	6.94
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90° EII - PVC

Insert x Fipt

1407-005	1/2	50	400	140	2.28
1407-007	3/4	50	0	140	2.48
1407-010	1	25	0	140	3.18
1407-012	1-1/4	10	140	140	4.72
1407-015	1-1/2	10	0	140	5.38
1407-020	2	10	0	140	9.07

90° EII, Reducing - PVC

Insert x Fipt

1407-074	1/2X3/4	50	400	140	2.35
1407-101	3/4X1/2	50	400	140	2.35
1407-130	1X1/2	25	300	140	2.48
1407-131	1X3/4	25	200	140	2.88
1407-166	1-1/4X1/2	25	200	140	4.26
1407-167	1-1/4X3/4	25	250	140	4.26
1407-168	1-1/4X1	25	0	140	4.26
1407-211	1-1/2X1	10	80	140	4.85
1407-212	1-1/2X1-1/4	10	80	140	5.27
1407-251	2X1-1/2	10	0	140	8.61

90° EII - PVC

Insert x Mipt

1413-005	1/2	50	600	140	2.55
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Insert Fittings Product
Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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90° EII - PVC (continued)

Insert x Mipt

1413-007	3/4	50	400	140	3.53
1413-010	1	25	200	140	4.63
1413-012	1-1/4	10	120	140	6.16
1413-015	1-1/2	10	80	140	8.18
1413-015H	1-1/2	10	80	140	8.18
1413-020	2	10	0	140	12.91

90° EII - CPVC

Insert x Mipt

1413-020C	2	10	0	140	16.07
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90° EII Reducing - PVC

Insert x Mipt

1413-055	3/8X3/4	50	200	140	2.75
1413-101	3/4X1/2	50	300	140	4.41
1413-130	1X1/2	50	400	140	5.02
1413-131	1X3/4	50	0	140	5.39

90° Side Outlet EII - PVC

Insert x Insert x Fipt

1414-101	3/4X3/4X1/2	50	0	140	5.85
1414-130	1X1X1/2	25	200	140	6.28
1414-131	1X3/4	50	0	140	6.28

Side Outlet Tee - PVC

Insert x Insert x Insert x Fipt

1416-007	3/4X3/4	50	0	140	7.54
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Side Outlet Tee, Reducing - PVC

Insert x Insert x Insert x Fipt

1416-101	3/4X1/2	50	0	140	7.54
1416-130	1X1/2	50	0	140	8.02
1416-131	1X3/4	50	0	140	8.02

Cross - PVC

Insert

1420-005	1/2	50	0	140	4.28
1420-007	3/4	25	150	140	5.81
1420-010	1	25	0	140	7.22

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

Insert x Insert

1429-005	1/2	50	600	140	1.03
1429-007	3/4	50	600	140	1.24
1429-010	1	50	400	140	1.29
1429-012	1-1/4	25	200	140	1.92
1429-015	1-1/2	25	0	140	2.27
1429-020	2	25	0	140	4.29
1429-025	2-1/2	10	0	140	11.14
1429-030	3	10	0	140	18.92
1429-040	4	10	0	140	25.75
1429-060	6	8	0	140	72.97
1429-080	8	4	0	140	157.96

Coupling - CPVC

Insert x Insert

1429-005C	1/2	50	600	142	1.46
1429-007C	3/4	50	600	142	2.12
1429-010C	1	50	400	143	1.84

Coupling, Reducer - PVC

Insert x Insert

1429-101	3/4X1/2	50	600	140	1.68
1429-130	1X1/2	50	400	140	2.32
1429-131	1X3/4	50	400	140	1.73
1429-1315	1X7/8	50	400	140	3.54
1429-167	1-1/4X3/4	25	300	140	3.54
1429-168	1-1/4X1	25	200	140	2.75
1429-210	1-1/2X3/4	25	275	140	4.29
1429-211	1-1/2X1	25	200	140	4.14
1429-212	1-1/2X1-1/4	25	0	140	3.21
1429-249	2X1	10	80	140	5.85
1429-250	2X1-1/4	10	80	140	5.44
1429-251	2X1-1/2	10	80	140	5.18
1429-291	2-1/2X1-1/2	10	0	140	14.81
1429-338	3X2	12	0	140	41.88
1429-422	4X3	18	0	140	73.63
1429-532	6X4	8	0	140	83.76

Female Adapter - PVC

Fipt x Insert

1435-005	1/2	50	300	140	4.51
1435-007	3/4	50	400	140	4.91
1435-010	1	50	0	140	5.44
1435-012	1-1/4	25	0	140	6.68
1435-015	1-1/2	25	0	140	8.48

Insert Fittings Product
Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - PVC (continued)

Fipt x Insert

1435-020	2	10	80	140	10.78
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Female Adapter, Reducing - PVC

Fipt x Insert

1435-074	1/2X3/4	50	500	140	6.28
1435-101	3/4X1/2	50	600	140	5.82
1435-102	3/4X1	50	0	140	6.49
1435-131*	1X3/4	50	0	140	4.28

* PVC White

Female Adapter - CPVC

Fipt x Insert

1435-005C	1/2	50	300	143	5.13
1435-007C	3/4	50	400	143	7.00
1435-010C	1	50	0	143	7.96
1435-012C	1-1/4	25	0	143	8.73
1435-015C	1-1/2	25	0	143	11.02
1435-020C	2	10	0	143	14.44

Female Adapter, Special Reinforced - PVC

SR Fipt x Insert

1435-005SR	1/2	50	400	142	6.03
1435-007SR	3/4	50	400	142	7.13
1435-010SR	1	50	0	142	8.49
1435-015SR	1-1/2	20	0	142	23.98

Male Adapter - PVC

Mipt x Insert

1436-002	1/4	200	1200	140	1.01
1436-005	1/2	50	600	140	1.01
1436-007	3/4	50	400	140	1.24
1436-010	1	50	0	140	1.28
1436-012	1-1/4	20	160	140	2.03
1436-015	1-1/2	25	0	140	2.27
1436-015W	1-1/2	20	0	001	2.27
1436-020	2	10	0	140	4.36
1436-025	2-1/2	10	0	140	17.89
1436-030	3	10	0	140	20.64
1436-040	4	10	0	140	28.69
1436-060G ¹	6	4	0	140	161.81
1436-060 ²	6	4	0	140	145.63

¹ Fabricated - Gray PVC

² Fabricated - White PVC

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Male Adapter - CPVC

Mipt x Insert

1436-005C	1/2	50	600	143	1.46
1436-007C	3/4	50	400	143	1.78
1436-010C	1	50	0	143	1.83
1436-012C	1-1/4	20	160	143	2.75
1436-015C	1-1/2	25	0	143	3.27
1436-020C	2	10	0	143	6.23
1436-030C	3	10	0	143	28.18
1436-040C	4	10	0	143	43.56
1436-060C	6	4	0	143	323.82
1436-080CF	8	1	0	002	168.86

Male Adapter, Reducing - PVC

Mipt x Insert

1436-074	1/2X3/4	50	300	140	3.21
1436-075	1/2X1	50	200	140	3.34
1436-101	3/4X1/2	50	400	140	2.91
1436-102	3/4X1	50	400	140	3.34
1436-131	1X3/4	50	0	140	3.00
1436-132	1X1-1/4	25	200	140	4.05
1436-133	1X1-1/2	25	0	140	6.11
1436-167	1-1/4X3/4	25	200	140	3.54
1436-168	1-1/4X1	25	200	140	3.80
1436-169	1-1/4X1-1/2	10	120	140	6.11
1436-211	1-1/2X1	25	0	140	4.63
1436-212	1-1/2X1-1/4	25	0	140	4.63
1436-213	1-1/2X2	10	80	140	7.85
1436-251	2X1-1/2	10	80	140	7.79
1436-252 ¹	2X2-1/2	10	0	140	14.15
1436-292 ¹	2-1/2X2	10	0	140	62.41

¹ Assembled molded components

Male Adapter, Reducing - CPVC

Mipt x Insert

1436-073C	1/2X3/8	50	300	143	1.61
1436-074C	1/2X3/4	50	300	142	3.66
1436-101C	3/4X1/2	50	600	142	4.14
1436-212C	1-1/2X1-1/4	25	0	143	6.41

Female Hose Adapter - PVC

Female Hose Thread x Insert

1435-007FHT	3/4	50	400	140	5.85
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Insert Fittings Product
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Male Hose Adapter - PVC



Male Hose Thread x Insert

1436-007MHT	3/4	50	400	140	3.02
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Male Hose Adapter, Reducing - PVC



Male Hose Thread x Insert

1436-101MHT	3/4X1/2	50	400	140	2.88
1436-102MHT	3/4X1	50	400	140	3.31

Pool Adapter - PVC



Mipt x Hose ID

1436-204	1-1/2X1-1/2X1-1/4	25	0	140	5.81
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Pool Adapter - PP



Mipt x Hose ID

Not NSF® Approved

1436-204P	1-1/2X1-1/2X1-1/4	25	0	140	5.81
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Plug - PVC



Insert

1449-005	1/2	100	600	140	1.84
1449-007	3/4	100	1200	140	1.92
1449-010	1	50	600	140	2.59
1449-012	1-1/4	25	300	140	3.29
1449-015	1-1/2	25	300	140	3.58
1449-020	2	10	120	140	6.31

Lay Flat Plug - PVC



Insert

For Lay Flat Type Hose

1449-030LF	3	4	0	140	24.43
1449-040LF	4	4	0	140	32.02
1449-060LF	6	1	6	140	173.88