



# 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
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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	2.12
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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	3.83
1401-129	1X3/8	25	200	140	4.18

**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	1.51
1413-099	3/4X3/8	50	200	140	1.51

**Spiral Barb Coupling - PVC**

**Spiral Barb x Spiral Barb**



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

1429-003	3/8	50	300	140	2.27
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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	2.48
1429-129	1X3/8	50	200	140	2.65

**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	1.51
1436-099	3/4X3/8	50	300	140	1.51

**Insert Adapter - PVC White**

**Insert x I.P.S. Spigot**



460-005	1/2	50	300	040	2.64
460-007	3/4	50	200	040	3.46
460-007N	3/4X3/4X1/2	50	200	040	3.46
460-010	1	50	0	040	3.62

Made in the U.S.A.

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	3.74
460-012N	1-1/4X1-1/4X1	20	160	040	3.74
460-015	1-1/2	25	0	040	4.01
460-020	2	10	0	040	6.67
460-030	3	25	0	040	22.53
460-040	4	10	0	040	25.94
460-131N	3/4X1X3/4	20	160	040	4.03
460-132N	1X1-1/4X1	20	160	040	4.37
1432-060	6	8	0	140	111.52
1432-080	8	4	0	140	221.40

N = Nesting

**Insert Adapter - PVC Gray**

**Insert x I.P.S. Spigot**



460-005G	1/2	50	300	043	2.93
460-007G	3/4	50	200	043	3.85
460-010G	1	50	0	043	4.01
460-012G	1-1/4	20	160	043	4.16
460-015G	1-1/2	25	0	043	4.45
460-020G	2	10	0	043	7.41
460-030G	3	25	0	043	25.02
460-040G	4	10	0	043	27.71
1432-060G	6	4	0	140	123.92

**Insert Adapter - CPVC**

**Insert x I.P.S. Spigot**



460-005C	1/2	50	300	010	4.43
460-007C	3/4	50	200	010	5.76
460-010C	1	50	0	010	6.01
460-015C	1-1/2	25	0	010	7.69
460-020C	2	10	0	010	11.09
460-030C	3	25	0	010	37.47

**Insert Adapter - PVC White**

**Insert x Socket**



474-005	1/2	50	600	040	2.40
474-007	3/4	50	400	040	2.88
474-010	1	50	0	040	3.06
474-012	1-1/4	25	0	040	4.85
474-015	1-1/2	25	0	040	5.38
474-020	2	25	0	040	9.96
474-030	3	15	0	040	29.68
474-040	4	15	0	040	33.93



## 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	2.66
474-007G	3/4	50	400	043	3.22
474-010G	1	50	0	043	3.40
474-012G	1-1/4	25	0	043	5.39
474-015G	1-1/2	25	0	043	5.59
474-020G	2	25	0	043	11.06

### Insert Adapter 90° EII - PVC White

#### Insert x I.P.S. Spigot



460A-015	1-1/2	10	80	040	7.97
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### Tee - PVC

#### Insert x Insert x Insert



1401-005	1/2	50	400	140	2.46
1401-007	3/4	50	0	140	2.66
1401-010	1	25	150	140	3.46
1401-012	1-1/4	10	80	140	5.41
1401-015	1-1/2	10	0	140	6.14
1401-020	2	10	0	140	12.12
1401-040 <sup>1</sup>	4	2	0	140	186.45
1401-060 <sup>1</sup>	6	1	0	140	349.25

<sup>1</sup> Assembled molded components

### Tee - CPVC

#### Insert x Insert x Insert



1401-005C	1/2	50	400	143	4.12
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### Tee, Reducing - PVC

#### Insert x Insert x Insert



1401-074	1/2X3/4	25	400	140	6.64
1401-094	3/4X1/2X1/2	25	300	140	3.33
1401-101	3/4X1/2	25	150	140	3.01
1401-102	3/4X1	25	250	140	7.65
1401-124	1X3/4X1/2	25	200	140	4.84
1401-125	1X3/4X3/4	25	200	140	5.75
1401-130	1X1/2	25	200	140	3.53
1401-131	1X3/4	25	200	140	3.56
1401-132	1X1-1/4	25	0	140	10.68
1401-156	1-1/4X1X1/2	25	0	140	6.60
1401-157	1-1/4X1X3/4	25	0	140	6.60
1401-158	1-1/4X1X1	25	0	140	6.60
1401-166	1-1/4X1/2	25	0	140	4.64

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	4.64
1401-168	1-1/4X1	25	0	140	4.64
1401-169	1-1/4X1-1/2	25	0	140	4.64
1401-201	1-1/2X1-1/4X3/4	10	80	140	8.33
1401-202	1-1/2X1-1/4X1	10	80	140	8.33
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	8.33
1401-209	1-1/2X1/2	10	80	140	8.09
1401-210	1-1/2X3/4	10	80	140	8.09
1401-211	1-1/2X1	10	80	140	8.09
1401-212	1-1/2X1-1/4	10	0	140	8.09
1401-241	2X1-1/2X1-1/2	10	0	140	10.68
1401-247	2X1/2	10	0	140	11.52
1401-248	2X3/4	10	0	140	11.52
1401-249	2X1	10	0	140	11.52
1401-250	2X1-1/4	10	0	140	12.05
1401-251	2X1-1/2	10	0	140	12.41
1401-335 <sup>1</sup>	3X1	5	0	140	128.77
1401-338 <sup>1</sup>	3X2	5	0	140	141.91

<sup>1</sup> Assembled molded components

### Tee - PVC

#### Insert x Insert x Fipt



1402-005	1/2	50	400	140	2.66
1402-007	3/4	50	0	140	4.01
1402-010	1	25	0	140	4.72
1402-012	1-1/4	10	0	140	6.94
1402-015	1-1/2	10	0	140	12.05
1402-020	2	10	0	140	14.95

### Tee, Reducing - PVC

#### Insert x Insert x Fipt



1402-094	3/4X1/2X1/2	25	200	140	4.36
1402-101	3/4X1/2	25	150	140	3.33
1402-124	1X3/4X1/2	25	200	140	5.44
1402-125	1X3/4X3/4	25	0	140	6.48
1402-130	1X1/2	25	200	140	4.37
1402-131	1X3/4	25	200	140	4.37
1402-156	1-1/4X1X1/2	25	0	140	8.03
1402-157	1-1/4X1X3/4	25	0	140	9.40
1402-166	1-1/4X1/2	25	0	140	5.96
1402-167	1-1/4X3/4	25	0	140	6.57
1402-168	1-1/4X1	25	0	140	6.94
1402-199	1-1/2X1-1/4X1/2	25	0	140	12.65
1402-201	1-1/2X1-1/4X3/4	10	0	140	14.09
1402-202	1-1/2X1-1/4X1	10	0	140	16.13
1402-209	1-1/2X1/2	10	80	140	9.15
1402-210	1-1/2X3/4	10	80	140	10.83
1402-211	1-1/2X1	10	0	140	10.83
1402-212	1-1/2X1-1/4	10	0	140	11.12

**Insert Fittings Product**  
**Spiral Barb & Regular Insert Fittings**



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

**Insert x Insert x Fipt**

1402-247	2X1/2	10	0	140	12.27
1402-248	2X3/4	10	0	140	12.98
1402-249	2X1	10	0	140	14.27
1402-251	2X1-1/2	10	0	140	14.95

**Tee, Reducing - PVC**

**Insert x Insert x Mipt**

1403-130	1X1X1/2	25	200	140	5.68
1403-131	1X1X3/4	25	200	140	5.68

**Tee - PVC**

**Insert x Insert x Mipt**

1403-005	1/2	50	500	140	3.40
1403-007	3/4	50	0	140	4.64
1403-010	1	25	0	140	5.96
1403-012	1-1/4	10	80	140	7.75
1403-015	1-1/2	10	0	140	8.66
1403-020	2	10	0	140	13.48

**Tee - PVC**

**Insert x Insert x Socket**

1404-007	3/4	50	0	140	4.34
1404-010	1	25	0	140	4.72

**Tee, Reducing - PVC**

**Insert x Insert x Socket**

1404-101	3/4X1/2	50	0	140	6.81
1404-102	3/4X3/4X1	100	0	140	7.65

**90° EII - PVC**

**Insert x Insert**

1406-005	1/2	50	1000	140	2.25
1406-007	3/4	50	400	140	2.75
1406-010	1	25	200	140	3.04
1406-012	1-1/4	10	180	140	3.40
1406-015	1-1/2	10	80	140	4.01
1406-020	2	10	0	140	5.60
1406-025	2-1/2	10	0	140	25.27
1406-040 <sup>1</sup>	4	2	0	140	83.67

<sup>1</sup> Assembled

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**90° EII - CPVC**

**Insert x Fipt**

1407-007C	3/4	50	0	142	3.85
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**90° EII, Reducing - PVC**

**Insert x Insert**

1406-101	3/4X1/2	25	300	140	2.60
1406-131	1X3/4	25	300	140	3.19
1406-168	1-1/4X1	25	0	140	4.72
1406-212	1-1/2X1-1/4	10	80	140	5.60
1406-251	2X1-1/2	10	0	140	6.16

**90° EII, Reducing - CPVC**

**Insert x Fipt**

1407-074C	1/2X3/4	20	160	143	7.69
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**90° EII - PVC**

**Insert x Fipt**

1407-005	1/2	50	400	140	2.53
1407-007	3/4	50	0	140	2.75
1407-010	1	25	0	140	3.53
1407-012	1-1/4	10	140	140	5.23
1407-015	1-1/2	10	0	140	5.96
1407-020	2	10	0	140	10.05

**90° EII, Reducing - PVC**

**Insert x Fipt**

1407-074	1/2X3/4	50	400	140	2.60
1407-101	3/4X1/2	50	400	140	2.60
1407-130	1X1/2	25	300	140	2.75
1407-131	1X3/4	25	200	140	3.19
1407-166	1-1/4X1/2	25	200	140	4.72
1407-167	1-1/4X3/4	25	250	140	4.72
1407-168	1-1/4X1	25	0	140	4.72
1407-211	1-1/2X1	10	80	140	5.38
1407-212	1-1/2X1-1/4	10	80	140	5.84
1407-251	2X1-1/2	10	0	140	9.54

**90° EII - PVC**

**Insert x Mipt**

1413-005	1/2	50	600	140	2.82
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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	3.92
1413-010	1	25	200	140	5.13
1413-012	1-1/4	10	120	140	6.82
1413-015	1-1/2	10	80	140	9.06
1413-015H	1-1/2	10	80	140	9.06
1413-020	2	10	0	140	14.31

### 90° EII - CPVC

#### Insert x Mipt

1413-020C	2	10	0	143	17.81
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### 90° EII Reducing - PVC

#### Insert x Mipt

1413-055	3/8X3/4	50	200	140	3.04
1413-101	3/4X1/2	50	300	140	4.88
1413-130	1X1/2	50	400	140	5.56
1413-131	1X3/4	50	0	140	5.97

### 90° Side Outlet EII - PVC

#### Insert x Insert x Fipt

1414-101	3/4X3/4X1/2	50	0	140	6.48
1414-130	1X1X1/2	25	200	140	6.96
1414-131	1X3/4	50	0	140	6.96

### Side Outlet Tee - PVC

#### Insert x Insert x Insert x Fipt

1416-007	3/4X3/4	50	0	140	8.36
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### Side Outlet Tee, Reducing - PVC

#### Insert x Insert x Insert x Fipt

1416-101	3/4X1/2	50	0	140	8.36
1416-130	1X1/2	50	0	140	8.88
1416-131	1X3/4	50	0	140	8.88

### Cross - PVC

#### Insert

1420-005	1/2	50	0	140	4.75
1420-007	3/4	25	150	140	6.44
1420-010	1	25	0	140	8.00

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	1.14
1429-007	3/4	50	600	140	1.38
1429-010	1	50	400	140	1.43
1429-012	1-1/4	25	200	140	2.13
1429-015	1-1/2	25	0	140	2.52
1429-020	2	25	0	140	4.76
1429-025	2-1/2	10	0	140	12.35
1429-030	3	10	0	140	20.97
1429-040	4	10	0	140	28.54
1429-060	6	8	0	140	80.85
1429-080	8	4	0	140	175.02

### Coupling - CPVC

#### Insert x Insert

1429-005C	1/2	50	600	142	1.62
1429-007C	3/4	50	600	142	2.35
1429-010C	1	50	400	143	2.04

### Coupling, Reducer - PVC

#### Insert x Insert

1429-101	3/4X1/2	50	600	140	1.86
1429-130	1X1/2	50	400	140	2.57
1429-131	1X3/4	50	400	140	1.92
1429-1315	1X7/8	50	400	140	3.93
1429-167	1-1/4X3/4	25	300	140	3.93
1429-168	1-1/4X1	25	200	140	3.04
1429-210	1-1/2X3/4	25	275	140	4.76
1429-211	1-1/2X1	25	200	140	4.59
1429-212	1-1/2X1-1/4	25	0	140	3.56
1429-249	2X1	10	80	140	6.48
1429-250	2X1-1/4	10	80	140	6.03
1429-251	2X1-1/2	10	80	140	5.74
1429-291	2-1/2X1-1/2	10	0	140	16.41
1429-338	3X2	12	0	140	46.40
1429-422	4X3	18	0	140	81.59
1429-532	6X4	8	0	140	92.81

### Female Adapter - PVC

#### Fipt x Insert

1435-005	1/2	50	300	140	5.00
1435-007	3/4	50	400	140	5.44
1435-010	1	50	0	140	6.03
1435-012	1-1/4	25	0	140	7.40
1435-015	1-1/2	25	0	140	9.40

**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	11.95
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**Female Adapter, Reducing - PVC**

**Fipt x Insert**

1435-074	1/2X3/4	50	500	140	6.96
1435-101	3/4X1/2	50	600	140	6.45
1435-102	3/4X1	50	0	140	7.19
1435-131*	1X3/4	50	0	140	4.75

\* PVC White

**Female Adapter - CPVC**

**Fipt x Insert**

1435-005C	1/2	50	300	143	5.68
1435-007C	3/4	50	400	143	7.76
1435-010C	1	50	0	143	8.82
1435-012C	1-1/4	25	0	143	9.67
1435-015C	1-1/2	25	0	143	12.21
1435-020C	2	10	0	143	16.00

**Female Adapter, Special Reinforced - PVC**

**SR Fipt x Insert**

1435-005SR	1/2	50	400	142	6.68
1435-007SR	3/4	50	400	142	7.91
1435-010SR	1	50	0	142	9.41
1435-015SR	1-1/2	20	0	142	26.57

**Male Adapter - PVC**

**Mipt x Insert**

1436-002	1/4	200	1200	140	1.12
1436-005	1/2	50	600	140	1.12
1436-007	3/4	50	400	140	1.38
1436-010	1	50	0	140	1.42
1436-012	1-1/4	20	160	140	2.25
1436-015	1-1/2	25	0	140	2.52
1436-015W	1-1/2	20	0	140	5.31
1436-020	2	10	0	140	4.83
1436-025	2-1/2	10	0	140	19.82
1436-030	3	10	0	140	22.87
1436-040	4	10	0	140	31.79
1436-060G <sup>1</sup>	6	4	0	140	179.29
1436-060 <sup>2</sup>	6	4	0	140	161.36

<sup>1</sup> Fabricated - Gray PVC

<sup>2</sup> 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	1.62
1436-007C	3/4	50	400	143	1.97
1436-010C	1	50	0	143	2.03
1436-012C	1-1/4	20	160	143	3.04
1436-015C	1-1/2	25	0	143	3.62
1436-020C	2	10	0	143	6.91
1436-030C	3	10	0	143	31.22
1436-040C	4	10	0	143	48.26
1436-060C	6	4	0	143	358.80
1436-080CF	8	1	0	143	415.78

**Male Adapter, Reducing - PVC**

**Mipt x Insert**

1436-074	1/2X3/4	50	300	140	3.56
1436-075	1/2X1	50	200	140	3.71
1436-101	3/4X1/2	50	400	140	3.22
1436-102	3/4X1	50	400	140	3.71
1436-131	1X3/4	50	0	140	3.33
1436-132	1X1-1/4	25	200	140	4.48
1436-133	1X1-1/2	25	0	140	6.77
1436-167	1-1/4X3/4	25	200	140	3.93
1436-168	1-1/4X1	25	200	140	4.21
1436-169	1-1/4X1-1/2	10	120	140	6.77
1436-211	1-1/2X1	25	0	140	5.13
1436-212	1-1/2X1-1/4	25	0	140	5.13
1436-213	1-1/2X2	10	80	140	8.69
1436-251	2X1-1/2	10	80	140	8.63
1436-252 <sup>1</sup>	2X2-1/2	10	0	140	15.67
1436-292 <sup>1</sup>	2-1/2X2	10	0	140	69.15

<sup>1</sup> Assembled molded components

**Male Adapter, Reducing - CPVC**

**Mipt x Insert**

1436-073C	1/2X3/8	50	300	143	1.78
1436-074C	1/2X3/4	50	300	142	4.05
1436-101C	3/4X1/2	50	600	142	4.59
1436-212C	1-1/2X1-1/4	25	0	143	7.11

**Female Hose Adapter - PVC**

**Female Hose Thread x Insert**

1435-007FHT	3/4	50	400	140	6.48
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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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**Male Hose Adapter - PVC**



**Male Hose Thread x Insert**

1436-007MHT	<b>3/4</b>	50	400	140	3.35
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**Male Hose Adapter, Reducing - PVC**



**Male Hose Thread x Insert**

1436-101MHT	<b>3/4X1/2</b>	50	400	140	3.19
1436-102MHT	<b>3/4X1</b>	50	400	140	3.66

**Pool Adapter - PVC**



**Mipt x Hose ID**

1436-204	<b>1-1/2X1-1/2X1-1/4</b>	25	0	140	6.44
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**Pool Adapter - PP**



**Mipt x Hose ID**

Not NSF® Approved

1436-204P	<b>1-1/2X1-1/2X1-1/4</b>	25	0	140	6.44
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**Plug - PVC**



**Insert**

1449-005	<b>1/2</b>	100	600	140	2.04
1449-007	<b>3/4</b>	100	1200	140	2.13
1449-010	<b>1</b>	50	600	140	2.87
1449-012	<b>1-1/4</b>	25	300	140	3.64
1449-015	<b>1-1/2</b>	25	300	140	3.97
1449-020	<b>2</b>	10	120	140	6.99

**Lay Flat Plug - PVC**



**Insert**

For Lay Flat Type Hose

1449-030LF	<b>3</b>	4	0	140	27.07
1449-040LF	<b>4</b>	4	0	140	35.48
1449-060LF	<b>6</b>	1	6	140	192.66