



Insert Fittings Product
Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code
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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
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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
1401-129	1X3/8	25	200	140



Spiral Barb 90° EII - PP

Mipt x Spiral Barb

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

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



Spiral Barb Coupling - PVC

Spiral Barb x Spiral Barb

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

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



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



Insert Adapter - PVC White

Insert x I.P.S. Spigot

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



Made in the U.S.A.

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

Insert x I.P.S. Spigot

460-012	1-1/4	20	160	040
460-012N	1-1/4X1-1/4X1	20	160	040
460-015	1-1/2	25	0	040
460-020	2	10	0	040
460-030	3	25	0	040
460-040	4	10	0	040
460-131N	3/4X1X3/4	20	160	040
460-132N	1X1-1/4X1	20	160	040
1432-060	6	8	0	140
1432-080	8	4	0	140

N = Nesting

Insert Adapter - PVC Gray

Insert x I.P.S. Spigot

460-005G	1/2	50	300	043
460-007G	3/4	50	200	043
460-010G	1	50	0	043
460-012G	1-1/4	20	160	043
460-015G	1-1/2	25	0	043
460-020G	2	10	0	043
460-030G	3	25	0	043
460-040G	4	10	0	043
1432-060G	6	8	0	140



Insert Adapter - CPVC

Insert x I.P.S. Spigot

460-005C	1/2	50	300	010
460-007C	3/4	50	200	010
460-010C	1	50	0	010
460-015C	1-1/2	25	0	010
460-020C	2	10	0	010
460-030C	3	25	0	010



Insert Adapter - PVC White

Insert x Socket

474-005	1/2	50	600	040
474-007	3/4	50	400	040
474-010	1	50	0	040
474-012	1-1/4	25	0	040
474-015	1-1/2	25	0	040
474-020	2	25	0	040
474-030	3	15	0	040
474-040	4	15	0	040



Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

JJ DOWNS INDUSTRIAL PLASTICS INC.

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Spiral Barb & Regular Insert Fittings

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Insert Adapter - PVC Gray



Insert x Socket

474-005G	1/2	50	600	043
474-007G	3/4	50	400	043
474-010G	1	50	0	043
474-012G	1-1/4	25	0	043
474-015G	1-1/2	25	0	043
474-020G	2	25	0	043

Insert Adapter 90° Ell - PVC White



Insert x I.P.S. Spigot

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



Insert x Insert x Insert

1401-005	1/2	50	400	140
1401-007	3/4	50	0	140
1401-010	1	25	150	140
1401-012	1-1/4	10	80	140
1401-015	1-1/2	10	0	140
1401-020	2	10	0	140
1401-040 ¹	4	2	0	140
1401-060 ¹	6	1	0	140

¹ Assembled molded components

Tee - CPVC



Insert x Insert x Insert

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



Insert x Insert x Insert

1401-074	1/2X3/4	25	400	140
1401-094	3/4X1/2X1/2	25	300	140
1401-101	3/4X1/2	25	150	140
1401-102	3/4X1	25	250	140
1401-124	1X3/4X1/2	25	200	140
1401-125	1X3/4X3/4	25	200	140
1401-130	1X1/2	25	200	140
1401-131	1X3/4	25	200	140
1401-132	1X1-1/4	25	0	140
1401-156	1-1/4X1X1/2	25	0	140
1401-157	1-1/4X1X3/4	25	0	140
1401-158	1-1/4X1X1	25	0	140
1401-166	1-1/4X1/2	25	0	140

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

Insert x Insert x Insert

1401-167	1-1/4X3/4	25	0	140
1401-168	1-1/4X1	25	0	140
1401-169	1-1/4X1-1/2	25	0	140
1401-201	1-1/2X1-1/4X3/4	10	80	140
1401-202	1-1/2X1-1/4X1	10	80	140
1401-203	1-1/2X1-1/4X1-1/4	10	0	140
1401-209	1-1/2X1/2	10	80	140
1401-210	1-1/2X3/4	10	80	140
1401-211	1-1/2X1	10	80	140
1401-212	1-1/2X1-1/4	10	0	140
1401-241	2X1-1/2X1-1/2	10	0	140
1401-247	2X1/2	10	0	140
1401-248	2X3/4	10	0	140
1401-249	2X1	10	0	140
1401-250	2X1-1/4	10	0	140
1401-251	2X1-1/2	10	0	140
1401-335 ¹	3X1	5	0	140
1401-338 ¹	3X2	5	0	140

¹ Assembled molded components

Tee - PVC



Insert x Insert x Fipt

1402-005	1/2	50	400	140
1402-007	3/4	50	0	140
1402-010	1	25	0	140
1402-012	1-1/4	10	0	140
1402-015	1-1/2	10	0	140
1402-020	2	10	0	140

Tee, Reducing - PVC



Insert x Insert x Fipt

1402-094	3/4X1/2X1/2	25	200	140
1402-101	3/4X1/2	25	150	140
1402-124	1X3/4X1/2	25	200	140
1402-125	1X3/4X3/4	25	0	140
1402-130	1X1/2	25	200	140
1402-131	1X3/4	25	200	140
1402-156	1-1/4X1X1/2	25	0	140
1402-157	1-1/4X1X3/4	25	0	140
1402-166	1-1/4X1/2	25	0	140
1402-167	1-1/4X3/4	25	0	140
1402-168	1-1/4X1	25	0	140
1402-199	1-1/2X1-1/4X1/2	25	0	140
1402-201	1-1/2X1-1/4X3/4	10	0	140
1402-202	1-1/2X1-1/4X1	10	0	140
1402-209	1-1/2X1/2	10	80	140
1402-210	1-1/2X3/4	10	80	140
1402-211	1-1/2X1	10	0	140
1402-212	1-1/2X1-1/4	10	0	140

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

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

Tee, Reducing - PVC

Insert x Insert x Mipt

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

Tee - PVC

Insert x Insert x Mipt

1403-005	1/2	50	500	140
1403-007	3/4	50	0	140
1403-010	1	25	0	140
1403-012	1-1/4	10	80	140
1403-015	1-1/2	10	0	140
1403-020	2	10	0	140

Tee - PVC

Insert x Insert x Socket

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

Tee, Reducing - PVC

Insert x Insert x Socket

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

90° EII - PVC

Insert x Insert

1406-005	1/2	50	1000	140
1406-007	3/4	50	400	140
1406-010	1	25	200	140
1406-012	1-1/4	10	180	140
1406-015	1-1/2	10	80	140
1406-020	2	10	0	140
1406-025	2-1/2	10	0	140
1406-040 ¹	4	2	0	140

¹ Assembled molded components- PVC white

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

90° EII, Reducing - PVC

Insert x Insert

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

90° EII, Reducing - CPVC

Insert x Fipt

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

Insert x Fipt

1407-005	1/2	50	400	140
1407-007	3/4	50	0	140
1407-010	1	25	0	140
1407-012	1-1/4	10	140	140
1407-015	1-1/2	10	0	140
1407-020	2	10	0	140

90° EII, Reducing - PVC

Insert x Fipt

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

90° EII - PVC

Insert x Mipt

1413-005	1/2	50	600	140
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90° EII - PVC (continued)

Insert x Mipt

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



90° EII - CPVC

Insert x Mipt

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

Insert x Mipt

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



90° Side Outlet EII - PVC

Insert x Insert x Fipt

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



Side Outlet Tee - PVC

Insert x Insert x Insert x Fipt

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

Insert x Insert x Insert x Fipt

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



Cross - PVC

Insert

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

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

Insert x Insert

1429-005	1/2	50	600	140
1429-007	3/4	50	600	140
1429-010	1	50	400	140
1429-012	1-1/4	25	200	140
1429-015	1-1/2	25	0	140
1429-020	2	25	0	140
1429-025	2-1/2	10	0	140
1429-030	3	10	0	140
1429-040	4	10	0	140
1429-060	6	6	0	140
1429-080	8	4	0	140



Coupling - CPVC

Insert x Insert

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



Coupling, Reducer - PVC

Insert x Insert

1429-101	3/4X1/2	50	600	140
1429-130	1X1/2	50	400	140
1429-131	1X3/4	50	400	140
1429-1315	1X7/8	50	400	140
1429-167	1-1/4X3/4	25	300	140
1429-168	1-1/4X1	25	200	140
1429-210	1-1/2X3/4	25	275	140
1429-211	1-1/2X1	25	200	140
1429-212	1-1/2X1-1/4	25	0	140
1429-249	2X1	10	80	140
1429-250	2X1-1/4	10	80	140
1429-251	2X1-1/2	10	80	140
1429-291	2-1/2X1-1/2	10	0	140
1429-338	3X2	12	0	140
1429-422	4X3	18	0	140
1429-532	6X4	8	0	140



Female Adapter - PVC

Fipt x Insert

1435-005	1/2	50	300	140
1435-007	3/4	50	400	140
1435-010	1	50	0	140
1435-012	1-1/4	25	0	140
1435-015	1-1/2	25	0	140



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Female Adapter - PVC (continued)

Fipt x Insert

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

Fipt x Insert

1435-074	1/2X3/4	50	500	140
1435-101	3/4X1/2	50	600	140
1435-102	3/4X1	50	0	140
1435-131 ¹	1X3/4	50	300	140

¹ PVC White

Female Adapter - CPVC

Fipt x Insert

1435-005C	1/2	50	300	143
1435-007C	3/4	50	400	143
1435-010C	1	50	0	143
1435-012C	1-1/4	25	0	143
1435-015C	1-1/2	25	0	143
1435-020C	2	10	0	143

Female Adapter, Special Reinforced - PVC

SR Fipt x Insert

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

Male Adapter - PVC

Mipt x Insert

1436-002	1/4	200	1200	140
1436-005	1/2	50	600	140
1436-007	3/4	50	400	140
1436-010	1	50	0	140
1436-012	1-1/4	20	160	140
1436-015	1-1/2	25	0	140
1436-015W	1-1/2	20	0	140
1436-020	2	10	0	140
1436-025	2-1/2	10	0	140
1436-030	3	10	0	140
1436-040	4	10	0	140
1436-060G ¹	6	4	0	140
1436-060 ²	6	4	0	140

¹ Fabricated - Gray PVC

² Fabricated - White PVC

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

Mipt x Insert

1436-005C	1/2	50	600	143
1436-007C	3/4	50	400	143
1436-010C	1	50	0	143
1436-012C	1-1/4	20	160	143
1436-015C	1-1/2	25	0	143
1436-020C	2	10	0	143
1436-030C	3	10	0	143
1436-040C	4	10	0	143
1436-060C	6	4	0	143
1436-080CF	8	1	0	143

Male Adapter, Reducing - PVC

Mipt x Insert

1436-074	1/2X3/4	50	300	140
1436-075	1/2X1	50	200	140
1436-101	3/4X1/2	50	400	140
1436-102	3/4X1	50	400	140
1436-131	1X3/4	50	0	140
1436-132	1X1-1/4	25	200	140
1436-133	1X1-1/2	25	0	140
1436-167	1-1/4X3/4	25	200	140
1436-168	1-1/4X1	25	200	140
1436-169	1-1/4X1-1/2	10	120	140
1436-211	1-1/2X1	25	0	140
1436-212	1-1/2X1-1/4	25	0	140
1436-213	1-1/2X2	10	80	140
1436-251	2X1-1/2	10	80	140
1436-252 ¹	2X2-1/2	10	0	140
1436-292 ¹	2-1/2X2	10	0	140

¹ Assembled molded components

Male Adapter, Reducing - CPVC

Mipt x Insert

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

Female Hose Adapter - PVC

Female Hose Thread x Insert

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



Male Hose Thread x Insert

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



Male Hose Thread x Insert

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

Pool Adapter - PVC



Mipt x Hose ID

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



Insert

1449-005	1/2	100	600	140
1449-007	3/4	100	1200	140
1449-010	1	50	600	140
1449-012	1-1/4	25	300	140
1449-015	1-1/2	25	300	140
1449-020	2	10	120	140

Lay Flat Plug - PVC



Insert

For Lay Flat Type Hose

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

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