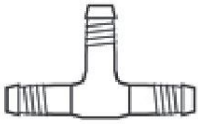


# Hose Insert Fittings

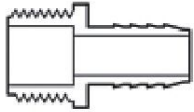
## PVC Hose Insert Fittings

Engineered to provide positive grip and ease of installation. A wide variety of PVC and PP insert configurations and adapters are available for use with polyethylene pipe sizes 1/2" through 4", plus 6" & 8" Couplings and Adapters for lay-flat type irrigation hose. Special 3/8" barbed configurations allow clamp-free connection to 1/2" I.D. polyethylene irrigation hose. They are manufactured from high quality PVC materials to meet or exceed the applicable requirements of ASTM D 2609. Available fittings include crosses, Numerous male and female NPT threaded adapters, elbows and tees plus white PVC Schedule 40 solvent cement socket and spigot adapters. The special spiral barb allows "twist-on" connection of hose without need for clamping. They are NSF Certified for Use with Potable Water. Other sizes and materials are also available upon request.

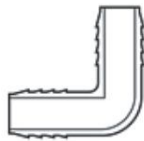
INSERT TEE	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X INSERT)	1/2	1401005	PT1G
	3/4	1401007	PT2G
	1	1401010	PT3G
	1 1/4	1401012	PT4G
	1 1/2	1401015	PT5G
	2	1401020	PT6G



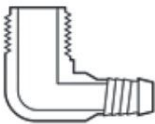
INSERT MALE ADAPTER	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X MIPT)	1/2	1436005	PA1G
	3/4	1436007	PA2G
	1	1436010	PA3G
	1 1/4	1436012	PA4G
	1 1/2	1436015	PA5G
	2	1436020	PA6G
	2 1/2	1436020	1436020



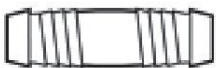
INSERT 90° ELBOW	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X INSERT)	1/2	1406005	PE1G
	3/4	1406007	PE2G
	1	1406010	PE3G
	1 1/4	1406012	PE4G
	1 1/2	1406015	PE5G
	2	1406020	PE6G
	2 1/2	1406025	1406025



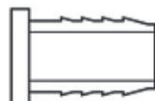
INSERT 90° ELBOW	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X MIPT)	1/2	1413005	PEM1G
	3/4	1413007	PEM2G
	1	1413010	PEM3G
	1 1/4	1413012	PEM4G
	1 1/2	1413015	PEM5G
	2	1413-020	PEM6G



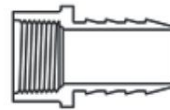
INSERT COUPLING	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X INSERT)	1/2	1429005	PC1G
	3/4	1429007	PC2G
	1	1429010	PC3G
	1 1/4	1429012	PC4G
	1 1/2	1429015	PC5G
	2	1429020	PC6G
	2 1/2	1429025	1429025



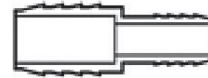
INSERT PLUG	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT)	1/2	1449005	-
	3/4	1449007	-
	1	1449010	-
	1 1/4	1449012	PP4G
	1 1/2	1449015	PP5G
	2	1449020	PP6G



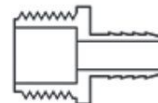
INSERT FEMALE ADAPTER	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X FIPT)	1/2	1435005	-
	3/4	1435007	-
	1	1435010	-
	1 1/4	1435012	-
	1 1/2	1435015	-
	2	1435020	-



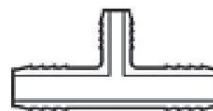
INSERT REDUCING COUPLING	SIZE (IN)	PVC PART NO.	PP PART NO.
(INSERT X INSERT)	3/4X1/2	1429101	PC21G
	1X1/2	1429130	PC31G
	1X3/4	1429131	PC32G
	1X7/8	14291315	PC42G
	1-1/4X3/4	1429167	PV43G
	1-1/4X1	1429168	PC52G
	1-1/2X3/4	1429210	PC53G
	1-1/2X1	1429211	PC54G
	1-1/2X1-1/4	1429212	PC63G
	2X1	1429249	PC64G
	2X1-1/4	1429250	PC65G
	2X1-1/2	1429251	1429251
	2-1/2X1-1/2	1429291	1429291



REDUCING MALE ADAPTER	SIZE (IN)	PVC PART NO.	PP PART NO.
(MIPT X INSERT)	1/2X3/4	1436101	-
	1/2X1	1436130	-
	3/4X1/2	1436131	PA21G
	3/4X1	14361315	-
	1X3/4	1436167	PA32G
	1X1-1/4	1436168	-
	1X1-1/2	1436210	-
	1-1/4X3/4	1436211	PA42G
	1-1/4X1	1436212	PA43G
	1-1/4X1-1/2	1436249	-
	1-1/2X3/4	-	PA53G
	1-1/2X1	1436250	-
	1-1/2X1-1/4	1436251	PA54G
	1-1/2X2	1436291	-
	2x1-1/2	-	PA65G



INSERT REDUCING TEE	SIZE (IN)	PP PART NO.
(INSERT X INSERT X INSERT)	3/4 X 3/4 X 1/2	PT221G
	1 X 1 X 1/2	PT331G
	1 X 1 X 3/4	PT332G
	1 1/2X1 1/2X1/2	PT551G
	1 1/2x1 1/2X3/4	PT552G
	1 1/2 X1 1/2 X 1	PT553G
	2 X 2 X 3/4	PT662G
	2 X 2 X 1	PT663G
	3/4 X 1/2 X 1/2	PT211G
	1 X 3/4 X 1/2	PT321G
	1 X 3/4 X 3/4	PT322G



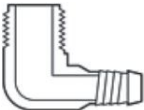
## Black HDPE and Nylon Insert Fittings

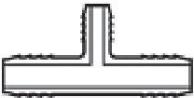


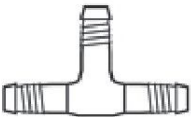
Black HDPE and Nylon Insert Fittings are ideal for all types of tubing and are available in a variety of sizes and configurations.


### Notes:

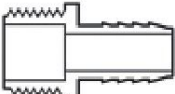
- Other sizes available upon request.
- Available in PVC upon request.

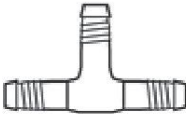
MALE ELBOW (INSERT X MPT)	SIZE (IN)	HDPE PART NO.	WHITE NYLON PART NO.
	1/4	P4MEB4	N4MEB4
	3/8	P6MEB6	N6MEB6
	1/2	P8MEB8	N8MEB8

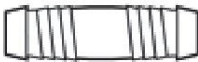
REDUCING TEE UNION (INSERT)	SIZE (IN)	PART NO.	WHITE NYLON PART NO.
	3/8x3/8 x1/4	P6TUB4	N6TUB4
	3/8x3/8 x1/2	P6TUB8	N6TUB8
	1/2x1/2 x3/8	P8TUB6	N8TUB6


MALE BRANCH TEE (INSERT X INSERT X MPT)	SIZE (IN)	PART NO.	WHITE NYLON PART NO.
	1/4 x 1/4 x 1/4	P4MTB4	N4MTB4
	3/8 x 3/8 x 3/8	P6MTB6	N6MTB6
	1/2 x 1/2 x 1/2	P8MTB8	N8MTB8

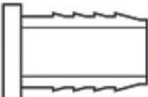
HEX PIPE NIPPLE (MPT)	SIZE (IN)	PART NO.	WHITE NYLON PART NO.
	1/8	P2HPN2	N2HPN2
	1/4	P4HPN4	N4HPN4
	3/8	P6HPN6	N6HPN6
	1/2	P8HPN8	N8HPN8
	3/4	P12HPN12	N12HPN12

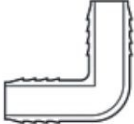
MALE CONNECTOR (INSERT X MPT)	SIZE (IN)	PART NO.	WHITE NYLON PART NO.
	1/4	P4MCB4	N4MCB4
	3/8	P6MCB6	N6MCB6
	1/2	P8MCB8	N8MCB8
	3/4	N12MCB12	N12MCB12

TEE UNION (INSERT)	SIZE (IN)	BLACK HDPE PART NO.	WHITE NYLON PART NO.
	1/8	P2TUB2	N2TUB2
	3/16	P3TUB3	N3TUB3
	1/4	P4TUB4	N4TUB4
	5/16	P5TUB5	N5TUB5
	3/8	P6TUB6	N6TUB6
	1/2	P8TUB8	N8TUB8
	5/8	P10TUB10	N10TUB10

UNION CONNECTOR (INSERT)	SIZE (IN)	BLACK HDPE PART NO.	WHITE NYLON PART NO.
	1/8	P2UCB2	N2UCB2
	3/16	P3UCB3	N3UCB3
	1/4	P4UCB4	N4UCB4
	5/16	P5UCB5	N5UCB5
	3/8	P6UCB6	N6UCB6
	1/2	P8UCB8	N8UCB8
	5/8	P10UCB10	N10UCB10

REDUCING HEX PIPE NIPPLE (MPT X MPT)	SIZE (IN)	BLACK HDPE PART NO.	WHITE NYLON PART NO.
	1/4 x 1/8	P4HPN2	N4HPN2
	3/8 x 1/8	P6HPN2	N6HPN2
	3/8 x 1/4	P6HPN4	N6HPN4
	1/2 x 1/8	P8HPN2	N8HPN2
	1/2 x 1/4	P8HPN4	N8HPN4
	1/2 x 3/8	P8HPN6	N8HPN6
	3/4 x 3/8	P12HPN6	N12HPN6
	3/4 x 1/2	P12HPN8	N12HPN8

HEX HEAD PIPE PLUG (MPT)	SIZE (IN)	BLACK HDPE PART NO.	WHITE NYLON PART NO.
	1/8	P2HPL	N2HPL
	1/4	P4HPL	N4HPL
	3/8	P6HPL	N6HPL
	1/2	P8HPL	N8HPL
	3/4	P12HPL	N12HPL

ELBOW UNION (INSERT)	SIZE (IN)	BLACK HDPE PART NO.	WHITE NYLON PART NO.
	1/4	P4EUB4	N4EUB4
	3/8	P6EUB6	N6EUB6
	1/2x1/4	P8EUB4	N8EUB4
	1/2x3/8	P8EUB6	N8EUB6
	1/2	P8EUB8	N8EUB8
	5/8	P10EUB10	N10EUB10