

PPH THREADED PRESSURE PIPING SYSTEM (IRAM)

PRODUCT INTRODUCTION

PP threaded pipes and fittings are manufactured with PP material. This material is specially selected due to its high resistance to high pressures and temperatures. Besides its high elasticity unit, it provides threads with the necessary rigidity so that these do not go out of shape due to mechanical pressure.

PP threaded pipes can match the IRAM standard. PP threaded fittings can match the IRAM standard.

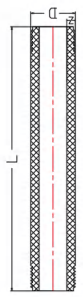
FEATURES OF PRODUCT

- **Resistant to Parasitic Currents**
  Excellent Electric Insulator
- **Acoustic Insulation**
  PP elasticity easily enables the absorption and almost the total elimination of the vibrations usually found in metallic pipes. Thus, a better acoustic insulation is obtained at no additional charge.
- **Low Thermal Conductivity**
  Low conductivity of PP reduces heat dissipation of the fluid that circulates inside the system. Moreover, the usual condensation, which can be found under specific conditions on the external surface of metallic pipes, is not present.
- **Low Loss of Head**
  Inside surface of PP is smoother than other products, with few irregularities, allowing a lower loss of head. These characteristic also impede the accumulation of scale build up on its interior avoiding the reduction of flow volume in the system.
- **Non-toxicity**
  Raw material of PP threaded system is completely non-toxic and complies with the corresponding national and international standard.
- **Easy-use Working Tool**
  PP threaded system provides a full and integral system for fluid transportation. If users follow our recommendations for a correct installation, it is almost impossible to make installation error.

FIELDS OF APPLICATION

Piping networks for portable plumbing systems
Piping networks for air condition and heating systems
Piping networks for compressed air systems

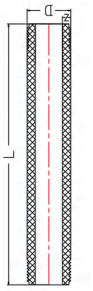




A07P01A PPH pipe

Size	D	Z	L
1/2"	21.34	3.9	4
3/4"	26. 6	74. 1	4
1"	33. 4	4.9	4
1-1/4"	42. 16	5	4
1-1/2"	48.26	6.3	4
2"	60. 32	7.5	4

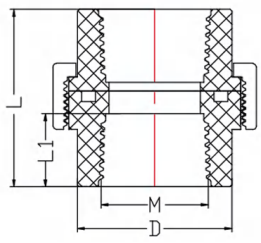




A07P02A PPH pipe

Size	D	Z	L
1/2"	21.34	3.9	4
3/4"	26. 6	74. 1	4
1"	33. 4	4.9	4
1-1/4"	42. 16	5	4
1-1/2"	48.26	6.3	4
2"	60. 32	7.5	4

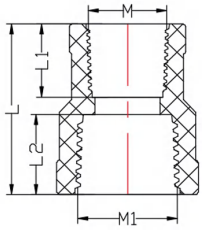




A0701 Female Thread Coupling

size	D	L1	L	M
1/2"	28.5	16	34. 4	1/2"
3/4"	35. 5	18	38.5	3/4"
1"	44.5	21	44. 5	1"
1-1/4"	54	23.8	52.2	1-1/4"
1-1/2"	60. 8	25	53.7	1-1/2"
2"	74. 5	27.7	61. 6	2"

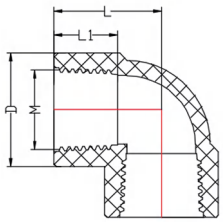




A0702 Reducer

size	L1	L2	L	M	M1
3/4"X1/2"	15.5	17.5	38	1/2"	3/4"

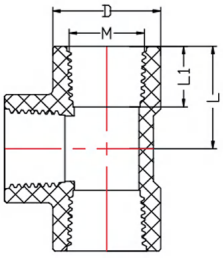




A0703 elbow 90°

size	D	L1	L	M
1/2"	28.5	16	27	1/2"
3/4"	35.5	18	31	3/4"
1"	44.5	21	36. 6	1"
1-1/4"	54	23.8	43.4	1-1/4"
1-1/2"	60.8	25	49.8	1-1/2"
2"	74.5	27.7	60. 7	2"

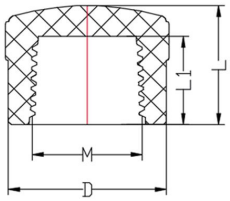




A0704 Tee

Size	L	H	Z	M
3/4"X1/2"	58	29	19	3/4"
1"X1/2"	66	33	22	1"
1"X3/4"	72	36	22	1"

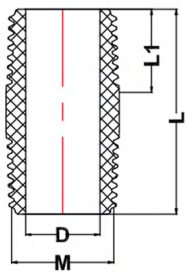




A0705 Female Cap

size	D	L1	L	M
1/2"	28.5	16	21.5	1/2"
3/4"	35.5	18	23.8	3/4"
1"	44.5	21	28	1"
1-1/4"	54	23.8	32.4	1-1/4"
1-1/2"	60. 8	25	35	1-1/2"
2"	74.5	27.7	39	2"

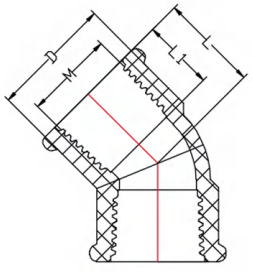




A0706 Nipple

size	D	L	L1	M
1/2"	13. 8	38.3	15	1/2"
3/4"	18. 7	42.3	17.5	3/4"
1"	21.5	49	20.5	1"
1-1/4"	28.5	56.7	24	1-1/4"
1-1/2"	33.8	60	25	1-1/2"
2"	44.5	66. 5	27.7	2"

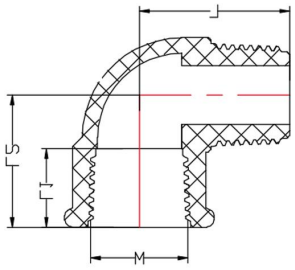




A0707 elbow 45°

size	D	L1	L	M
1/2"	27.2	16	27	1/2"
3/4"	16	18	31	3/4"
1″	82	21	36.6	1"

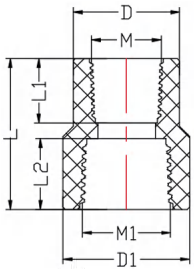




A0708 Male & Female Elbow

size	L1	L2	L	M
1/2"	16	27	30.7	1/2"
3/4"	18	31	36.5	3/4"
1"	21	36.5	43.6	1"

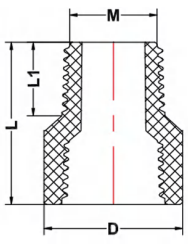




A0709 Reducer

size	D	D1	L1	L2	L	M	M1
1/2"X3/8"	24	28.5	14. 5	16	34	3/8"	1/2"
1/2"X3/4"	28.5	35.5	16	18	38	1/2"	3/4"
1/2"X1"	28.5	44. 5	16	21	42	1/2"	1"
1"X3/4"	35.5	44. 5	17.8	21.7	44	3/4"	1"
1-1/4"X1/2"	28.5	54	16	23.8	44. 8	1/2"	1-1/4"
1-1/4"X3/4"	35.5	54	18	23.8	46. 8	3/4	1-1/4"
1-1/4"X1"	44.5	54	21	23.8	49.8	1"	1-1/4"
1-1/2"X1/2"	28.5	60. 8	16	25	46	1/2"	1-1/2"
1-1/2"X3/4"	35.5	60. 8	18	25	48	3/4"	1-1/2"
1-1/2"X1"	44.5	60. 8	21	25	51	1"	1-1/2"
1-1/2"X1-1/4"	54	60. 8	23.8	25	53.8	1-1/4"	1-1/2″
2"X1/2"	28.5	74.5	16	27.7	50. 7	1/2"	2"
2"X3/4"	35.5	74.5	18	27.7	50. 7	3/4"	2"
2"X1"	44.5	74.5	21	27.7	53. 7	1"	2"
2"X1-1/4"	54	74.5	23.8	27.7	56. 6	1-1/4"	2"
2"X1-1/2"	60.8	74.5	25	27.7	57. 6	1-1/2"	2"

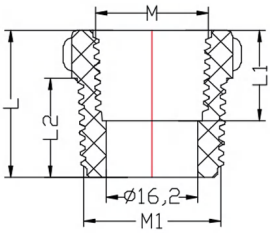




A0710 Female & Male Thread Coupling

size	D	L1	L	M
1/2"X1/2"	28.2	15	33	1/2"

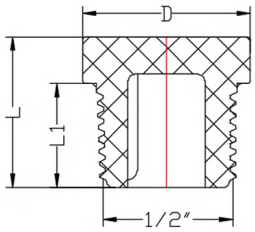




A0711 Female & Male Thread Coupling

size	L1	L2	L	M	M1
3/4"X1/2"	16	17.5	26	1/2"	3/4"
1"X1/2"	16	20.5	29.5	1/2"	1"
1"X3/4"	17.5	20.5	29.5	3/4"	1"
1-1/4"X1/2"	16	23.8	33.8	1/2"	1-1/4"
1-1/4"X3/4"	17.5	23.8	33.8	3/4"	1-1/4"
1-1/4"X1"	20.5	23.8	33.8	1"	1-1/4"
1-1/2"X1/2"	16	25	36	1/2"	1-1/2"
1-1/2"X3/4"	17.5	25	36	3/4"	1-1/2"
1-1/2"X1"	20. 5	25	36	1"	1-1/2"
2"X1/2"	16	27.7	38.7	1/2"	2"
2"X3/4"	17.5	27.7	38. 7	3/4"	2"
2"X1"	20.5	27.7	38. 7	1"	2"
2"X1-1/4"	23.8	27.7	38. 7	1-1/4"	2"
2"X1-1/2"	25	27.7	38. 7	1-1/2"	2"

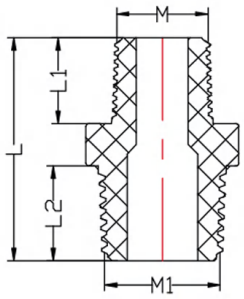




A0712 Male Plug

size	D	L1	L	M
1/2"	25	15. 5	22.5	1/2"
3/4"	30.7	17.5	24.5	3/4"
1"	38	20.5	28.5	1"

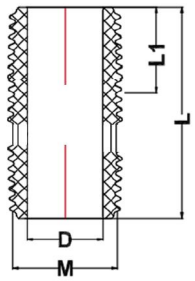




A0713 Male Reducer

size	L1	L2	L	M	M1
3/8"X1/2"	14	15.5	36.5	3/8"	1/2"
1/2"X3/4"	15.5	17.5	40	1/2"	3/4"
1/2"X1"	15.5	20. 5	44	1/2"	1"
3/4"X1"	17.5	20.5	46	3/4"	1"

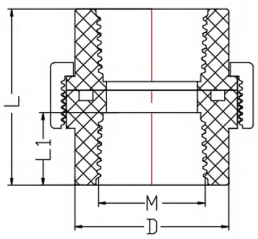




A0714 pp female big elbow

size	D	L	L1	M
1/2"	13.8	38.3	15	1/2"
3/4"	18. 7	42.3	17.5	3/4"
1"	21.5	49	20. 5	1"
1-1/4"	28.5	56. 7	24	1-1/4"
1-1/2"	33. 8	60	25	1-1/2"
2"	44.5	66.5	27.7	2"

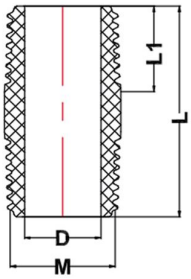




A0715 All plastic union

size	D	L1	L	M
1/2"	44.5	21	51	1/2"
3/4"	35.5	18	43.5	3/4"
1"	44.5	21	51	1"
1-1/4"	50.3	26.3	67.1	1-1/4"
1-1/2"	58	27.4	70	1-1/2"
2"	70.7	28.8	75. 8	2"

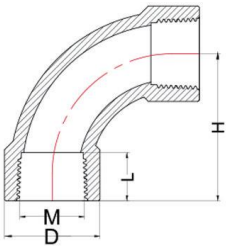




A0716 PP nipple(H15)

size	D	L	L1	M
1/2"	13.8	38.3	15	1/2"
3/4"	18. 7	42.3	17.5	3/4"
1"	21.5	49	20. 5	1"
1-1/4"	28.5	56. 7	24	1-1/4"
1-1/2"	33. 8	60	25	1-1/2"
2"	44.5	66.5	27.7	2"

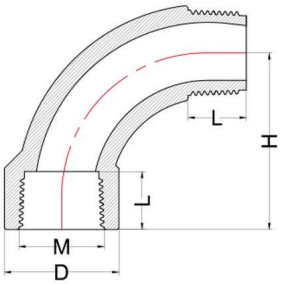




A0717 pp female big elbow

size	D	L	H	M
3/4"	35.5	18	55	3/4"

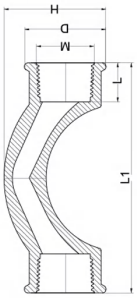




A0718 pp male big elbow

size	D	L	H	M
3/4"	35.5	18	55	3/4"

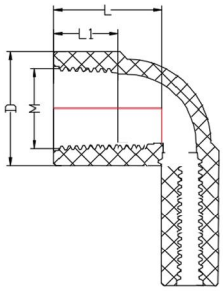




A0719 PP female cross bridge

size	D	L	L1	H	M
3/4"	37.5	18	106	47	3/4"

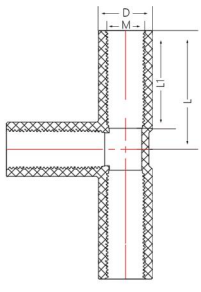




A0720 Reducing Female Elbow

size	D	L1	L	M
3/4"	35.5	18	31	3/4"

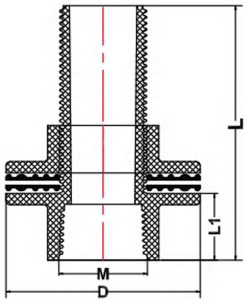




A0721 Tee Spigot

size	L	L1	M	D
3/4"X1/2"	58	29	19	3/4"

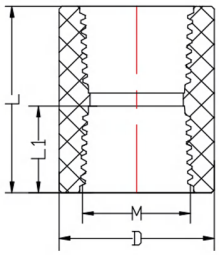




A0722 Tank connector

size	L	L1	D	M
3/4"	91	21	64.2	3/4"
1"	95. 6	25.1	73	1"
1-1/4"	100	29.5	86	1-1/4"
1-1/2"	101.1	30. 6	92.4	1-1/2"
2"	104.2	33. 6	106.6	2"

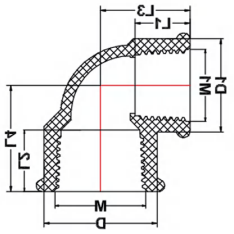




A0723 PP Female Coupling

size	D	L1	L	M
1/2"	28.5	16	34.4	1/2"
3/4"	35.5	18	38.5	3/4"
1"	44.5	21	44.5	1"
1-1/4"	54	23.8	52.2	1-1/4"
1-1/2"	60.8	25	53.7	1-1/2"
2"	74.5	27.7	61.6	2"

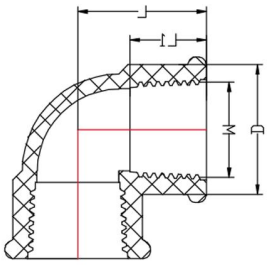




A0724 BS female elbow

size	D	D1	L1	L2	L3	L4	M1	M2
3/4"X1/2"	33	27.2	16	18	26.1	31	1/2"	3/4"
1"X1/2"	41. 5	27.2	16	21	30.9	35.3	1/2"	1"

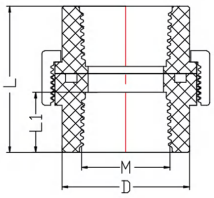




A0725 Bs female tee

size	D	L1	L	M
1/2"	27.2	16	27	1/2"
3/4"	16	18	31	3/4 "
1"	82	21	36.6	1 "

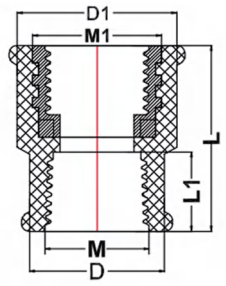




A0726 pp Union

size	D	L1	L	M
1/2"	44.5	21	51	1/2"
3/4"	35.5	18	43.5	3/4"
1"	44.5	21	51	1"
1-1/4"	50.3	26.3	67.1	1-1/4"
1-1/2"	58	27.4	70	1-1/2"
2"	70. 7	28.8	75.8	2"

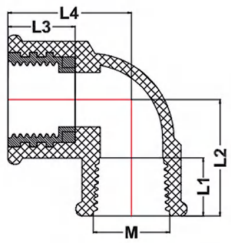




A0727 Female thread socket

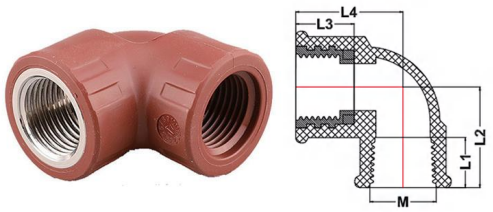
size	D	D1	L	L1	M	M1
1/2"X1/2"	27.2	32.2	37.5	16	1/2"	1/2"
3/4"X3/4"	33	38.2	40.5	18	3/4"	3/4"





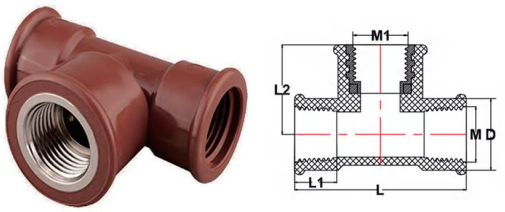
A0728 Female thread elbow

size	L1	L2	L3	L4	M
1/2"X1/2"	16	32	18.5	34	1/2"
3/4"X3/4"	18	37	19.5	37	3/4"



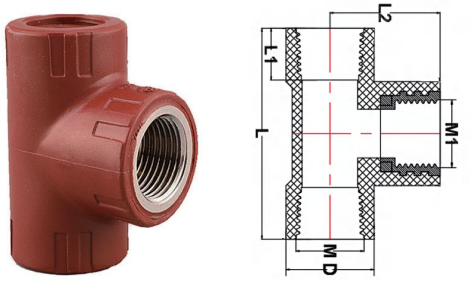
A0729 Female thread elbow

size	L1	L2	L3	L4	M
1/2"X1/2"	16	32	18.5	34	1/2"
3/4"X3/4"	18	37	19.5	37	3/4"



A0730 Female thread Tee

size	D	L	L1	L2	M	M1
1/2"X1/2"	27.2	65	16	34	1/2"	1/2"
3/4"X3/4"	33	76	18	37	3/4"	3/4"
1"X1/2"	41.5	75	21	39.5	1"	1/2"
1"X3/4"	41.5	81	21	39.5	1"	3/4"



A0731 PP tee with brass

size	D	L	L1	L2	M	M1
1/2 "X1/2"	27.2	65	16	34	1/2"	1/2"
3/4"X3/4"	33	76	18	37	3/4"	3/4"
1"X1/2"	41.5	75	21	39.5	1"	1/2"
1"X3/4"	41.5	81	21	39.5	1"	3/4"



A0732 Threading Tool