

PVC-U WELDED PRESSURE PIPING SYSTEM (NBR 5648)

PRODUCT INTRODUCTION

As the series of piping network products for water supply and drainage with mature technology, pipes and fittings of PVC-U are one of the largest outputs for plastic products in the world, which already had been used widely both at home and abroad. For TOMEX PVC-U water supply piping network, the raw materials and finished products are both match or exceed the relative standards. So IANYAN PVC-U piping network can suit for the equipments of drinking water supply. The piping networks are designed for the uninterrupted supply of water condition from 20℃ to 50℃. Under this condition, service life of piping network can up to 50 years. TOMEX PVC-U piping network have the full series size and model of fittings for building water supply, which can suit for many kinds of requirement.

This series of fittings can match the standard NBR 5648.

FEATURES OF PRODUCT

- **High Flow Ability:**
  The inside and outside wall are smooth, the coefficient of friction is small, roughness is only 0.008 to 0.009, anti-fouling property is strong, fluid transport efficiency is enhanced 25% than cast iron piping network.
- **Corrosion Resistant:**
  PVC-U material has strong resistance to most of acid and alkali. No rust, no antiseptic treatment. The service life is 4 times than that of cast iron.
- **Light Weight and Easy Installation:**
  Weight is very light. The density of PVC-U is only 1/5 to 1/6 of that of cast iron. The method of connection is very simple, and the process of installation is very quickly.
- **High Tensile Strength:**
  PVC-U has high tensile strength, and high shock strength. The piping network of PVC-U is not easy to break, and it works safety.
- **Long Service Life:**
  The piping network with normal material can be used around 20 to 30 years, but the PVC-U piping network can be used longer than 50 years.

FIELDS OF APPLICATION

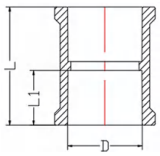
Piping networks for water supply in building.

Piping networks for piping system in water treatment plant.

Piping networks for water farming.

Piping networks for irrigation, normal water transport for industry.

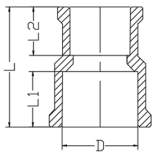




A0801 Couping

size	D	L	L1
20	19.9	35.5	16
25	24.9	40	18
32	31.9	48	22.5
40	39.9	56.5	26
50	49.9	65.5	31
60	60	79	37.5
63	62.9	79	37.5
75	74.9	93	44
90	89.9	108	51
110	109.9	128	61

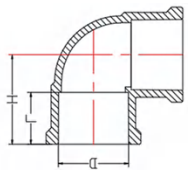




A0802 Reducing Coupling

size	D	L1	L2	L
25X20	24.9	18	16	40
32X20	31.9	22.5	16	46
32X25	31.9	22.5	18	46
40X25	39.9	26	18.5	55
40X32	39.9	26	22.5	55
50X32	49.9	31	22.5	65
50X40	49.9	31	26	65
60X40	59.9	37	26	79
60X50	59.9	37	31	79
63X40	62.9	37.5	26	79
63X50	62.9	37.5	31	79
75X50	74.9	44	31	93
75X60	74.9	44	37	93
75X63	74.9	44	37.5	93
90X60	89.9	51	37	108
90X63	89.9	51	37.5	1 08
90X75	89.9	51	44	108
110X75	109.9	61	44	128
110X90	109.9	61	51	128

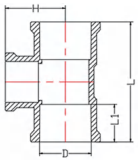




A0803 90 Deg Elbow

size	D	L	H
20	19.9	16	27
25	24.9	18	32
32	31.9	22.5	40
40	39.9	26	47
50	49.9	31	57.5
60	60	37.5	69.5
63	62.9	37.5	69.5
75	74.9	44	83.5
90	89.9	51	99
110	109.9	61	124

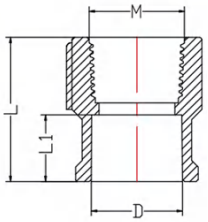




A0804 Reducing Tee

size	D	L1	H	L
25X20	24.9	18	29	59
32X20	24.9	22.5	34	68
32X25	31.9	22.5	36	73
40X25	39.9	26	39.5	82
40X32	39.9	26	43.5	90
50X32	49.9	31	48	101
50X40	49.9	31	51.5	106
60X40	59.9	37	58.5	117
60X50	59.9	37	63	126
63X40	62.9	37.5	58.5	117
63X50	62.9	37.5	63	126
75X50	74.9	44	70	142
75X60	74.9	44	77	155
75X63	74.9	44	77	155
90X60	89.9	51	85	171
90X63	89.9	51	85	17
90X75	89.9	51	92	91.5
110X75	109.9	61	102	103.5
110X90	109.9	61	109	111

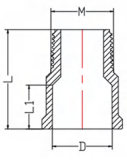




A0805 Female Coupling

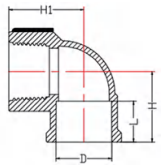
size	D	L1	L	M
20X1/2"	19.9	16	37.5	1/2"
25X1/2"	24. 9	18	39	1/2"
25X3/4"	24.9	1	840	3/4"
32X1"	31. 9	22.5	48	1"
40X1-1/4"	39.9	26	56.5	1-1/4"
50X1-1/2"	49. 9	31	60	1-1/2"
60X2"	59. 9	37.5	73	2"
63X2"	62. 9	37.5	73	2"
75X2-1/2"	74.9	44	85	2-1/2"
90X3"	89. 9	51	94	3"
110X4"	109.9	61	110	4"





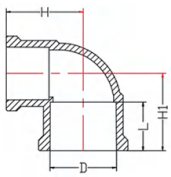
A0806 Male Thread Adaptor

size	D	L1	L	M
20X1/2"	19.9	16	37.5	1/2"
25X3/4"	24.9	18	42	3/4"
32X1"	31.9	22.5	48	1"
40X1-1/4"	39.9	26	55.5	1-1/4"
50X1-1/2"	49.9	31	66	1-1/2"
60X2"	59.9	37.5	78	2"
63X2"	62.9	37.5	78	2"
75X2-1/2"	74.9	44	88	2-1/2"
90X3"	89.9	51	102	3"
110X4"	109.9	61	117	4"

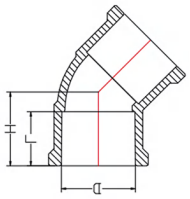
A0807 Female Elbow

size	D	L	H	H1
20X1/2"	19.9	16	27	29
25X1/2"	24.9	18	29	30
25X3/4"	24.9	18	32	34
32X3/4"	31.9	22.5	37. 17	37.35
32X1"	31.9	22.5	40	41

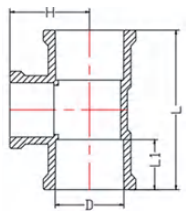
A0808 Reducing Elbow

size	D	L	H	H1
25X20	24.9	18	27	29
32X20	31.9	22.5	32	34
32X25	31.9	22.5	40	36
40X25	39.92	64	73	9.5
40X32	39.9	26	57.5	43.4

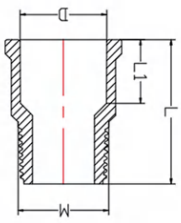
A0809 45 ° Elbow

size	D	L	H
20	19. 9	16	21.5
25	24. 9	18	25.6
32	31.9	22. 5	31
40	39.9	26	36. 5
50	49.9	31	44.5
60	59.9	37.5	51.5
63	62.9	37.5	51.5
75	74.9	44	63.5
90	89.9	51	74.5
110	109.9	61	93.5

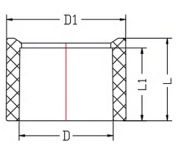
A0810 Tee Spigot

size	D	L1	H	L
25X20	24.9	18	29	59
32X20	24.9	22.5	34	68
32X25	31.9	22.5	36	73
40X25	39.9	26	39.5	82
40X32	39.9	26	43.5	90
50X32	49.9	31	48	101
50X40	49.9	31	51.5	106
60X40	59.9	37	58.5	117
60X50	59.9	37	63	126
63X40	62.9	37.5	58.5	117
63X50	62.9	37.5	63	126
75X50	74.9	44	70	142
75X60	74.9	44	77	155
75X63	74.9	44	77	155
90X60	89.9	51	85	171
90X63	89.9	51	85	17
90X75	89.9	51	92	91.5
110X75	109.9	61	102	103.5
110X90	109.9	61	109	111

A0811 Male Adapter

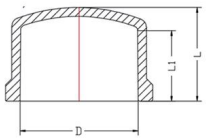
size	D	L1	L	M
20X1/2"	19.9	16	37.5	1/2"
25X3/4"	24.9	18	42	3/4"
32X1"	31.9	22.5	48	1"
40X1-1/4"	39.9	26	55.5	1-1/4"
50X1-1/2"	49.9	31	66	1-1/2"
60X2"	59.9	37.5	78	2"
63X2"	62.9	37.5	78	2"
75X2-1/2"	74.9	44	88	2-1/2"
90X3"	89.9	51	102	3"
110X4"	109.9	61	117	4"

A0812 Reducing Ring

size	D	D2	L1	L
25X20	20	23	18	25
32X25	25	28	22.5	32
40X32	32	30	22.5	40
50X40	40	34	26	50
63X50	50	40	31	63

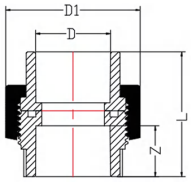




A0813 End Cap

size	D	L1	L
20	19.9	16	22
25	24. 9	18	25
32	31. 9	22. 5	28
40	39.9	26	33
50	49.9	31	40
60	59.9	37.5	50
63	62.9	37.5	50
75	74.9	44	56
90	89.9	51	65
110	109.9	61	80

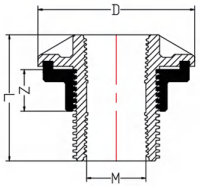




A0814 Union

size	D	D1	Z	L
20	19.9	48	16	44
25	24.9	55	18	50
32	31.9	64	22.5	61
40	39.9	78	25	72
50	49.9	86	31	81
63	62.9	102	37.5	93

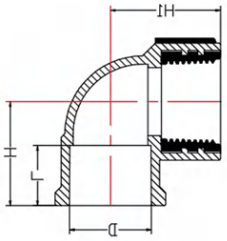




A0815 Tank Back Nut

size	D	Z	L	M
20X1/2"	19.9	16	37.5	1/2"
25X3/4"	24.9	18	42	3/4"
32X1"	31.9	22.5	48	1"
40X1-1/4"	39.9	26	55.5	1-1/4"
50X1-1/2"	49.9	31	66	1-1/2"
60X2"	59.9	37.5	78	2"

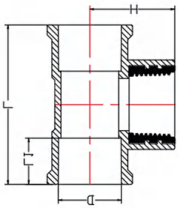




A0816 Female Elbow

size	D	L	H	H1
20X1/2"	19.9	16	27	29
25X1/2"	24.9	18.5	32	34
25X3/4"	24.9	18.5	32	40





A0818 Female Tee

size	D	L1	L	H
20X1/2"	19.9	16	54	29
25X1/2"	24.9	18.5	64	34
25X3/4"	24.9	18.5	64	40