

**Excellence Needs No Recognition  
But Recognition Comes Only When You are Excellent**



**Complete Solution of  
Plumbing, Drainage &  
Water Management  
Under One Roof..**

**PARAS<sup>®</sup>**  
**A Touch of Excellence**

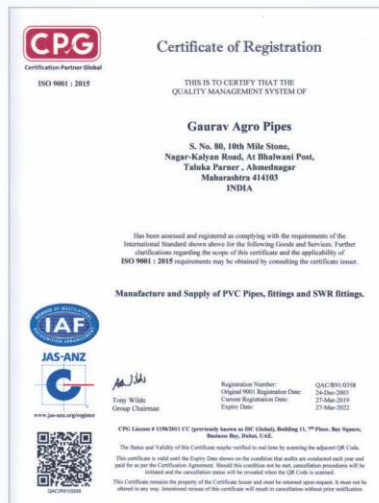
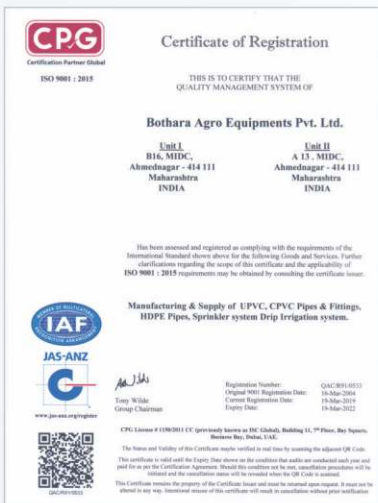


# About **PARAS GROUP**

A dynamic, professional & progressive group established in 1967 & having a legacy of more than 52 years. The group believes in empowering & delegating to scale new heights. It has a presence throughout India with a strong, dedicated & loyal chain of distributors & dealers. It is managed by a team rich with 3 generations - experienced as well as flexible & open to modern technology & management skills.

We believe in offering solutions under one roof with continued focus on customer & proactive initiatives. We believe in long term healthy & mutually beneficial association with all business associates and a open, transparent & conducive working environment for all.

Expansion, Diversification, Upgradation is an ongoing process focused at optimum utilisation of resources, generating & conserving power and striving to be the first choice to the customers.



# PVC

## PIPES & FITTINGS

**PARAS** PVC PIPE

BEST  
SOLUTION FOR  
**AGRICULTURAL**  
USE



IS-4985  
  
CM/L - 7200346  
PIPES

IS-7834  
  
CM/L - 7402156  
FITTINGS





# PERFORMANCE BENEFITS

PVC Compound Grade Equivalent to PVC 1120 / 2120

## STANDARDS & SPECIFICATIONS

IS 4985 : 2000 Specification For PVC Pipe

IS 7834 (Pt - 3 & Pt - 4) Specification for Fittings

## SIZES

Pipes : 20 mm to 315 mm

Fittings : 20 mm to 200 mm

## COLOUR

Gray

## LENGTH

6 m



## ADVANTAGES

- Self sockets are formed with high precision on specially developed sophisticated machines.
- 50% saving in installation time, as compared with plain ended pipes and loose couplers.
- The number of joints is reduced by 50% resulting in substantial saving in labour costs.
- More Economical than conventional plain ended pipes with loose couplers.
- Good hydraulic properties due to smooth interior pipe surfaces.

## FEATURES AND BENEFITS

- No Corrosion
- High Flow Rates - No Chocking
- UV Stabilized
- Long Life
- Light Weight
- Cost Effective

## AREAS OF APPLICATIONS

Agriculture Pipe Lines, Main & Submain Line for Drip Irrigation System

## uPVC AGRICULTURE PIPE - HSN CODE - 3917

### DIMENSIONS OF uPVC PIPE FOR POTABLE WATER SUPPLIES AS PER IS 4985

Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS											
			Class 1 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa		Class 6 1.25 MPa	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20.0	20.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25	25.0	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1
32	32.0	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7
40	40.0	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50.0	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	90.0	90.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110	110.0	110.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125	125.0	125.4	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8
140	140.0	140.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160	160.0	160.5	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	180.0	180.6	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7

#### Note :


\* The wall thickness of pipe is based on a safe working stress of 8.6 Mpa at 27°C. The working pressure gets reduced at sustained higher temperatures. Occasional rise in temperature, as in summer, with concurrent corresponding reduction in temperature during nights has no deleterious effect on the working pressure of the pipes considering the total life of pipe.

**\* WARRANTY APPLICABLE ONLY IF PARAS uPVC AGRICULTURE PIPE & FITTINGS IS USED WITH PARAS SOLVENT CEMENT FOR JOINTING & ALL GUIDELINES FOLLOWED.**

## uPVC AGRICULTURE PIPES STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE PIPES - HSN CODE - 3917**

(6 Meter Pipe)

	Size		2.5kg	4kg	6kg	10kg	Commercial Pipe Aqua	
	(Inch)	(mm)					4kg	6kg
	1/2	20						
	3/4	25						
	1	32						
	1 1/4	40						
	1 1/2	50						
	2	63						
	2 1/2	75						
	3	90						
	4	110						
	4 1/2	125						
	5	140						
	6	160						
	7	180						
	8	200						




# uPVC AGRICULTURE FITTINGS


## STRONG, DURABLE & COST EFFECTIVE


### uPVC AGRICULTURE FITTINGS - HSN CODE - 3917


ELBOW 16 KG			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	80
	2½	75	45
	3	90	30
	4	110	--


ELBOW (PN4) SOCKET TYPE			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	200
	2	63	90
	2½	75	50
	3	90	30
	4	110	25

ELBOW 10 KG			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	90
	2½	75	50
	4	110	25

ELBOW (PN4) DOOR SOCKET TYPE			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	80
	3	90	25


ELBOW 6KG			
	Size (inch)	Size (mm)	Std. Pkg.
	½ (ISI)	20	500
	¾ (ISI)	25	500
	1 (ISI)	32	500
	1¼ (ISI)	40	300
	1½ (ISI)	50	150
	2 (ISI)	63	90
	2½ (ISI)	75	55
	3 (ISI)	90	32
	4 (ISI)	110	25
	5	140	16
	6	160	11
	8	200	4


ELBOW AQUA			
	Size (inch)	Size (mm)	Std. Pkg.
	¼	40	300
	1½	50	200
	2	63	200
	2½	75	120
	3	90	65
4	110	40	


ELBOW AQUA WITH DOOR			
	Size (inch)	Size (mm)	Std. Pkg.
	1½	50	100
	2	63	150
	2½	75	80
	3	90	55
	4	110	30

ELBOW 4 KG			
	Size (inch)	Size (mm)	Std. Pkg.
	½	20	500
	¾	25	500
	1	32	500
	1¼	40	300
	1½	50	175
	6	160	11

ONE SIDE THREADED ELBOW			
	Size (inch)	Size (mm)	Std. Pkg.
	½ x 1½	20x1/2	500
	¾ x 1½	25x1/2	500
	¾ x ¾	25x3/4	500
	1 x 1	32 x 1	500
	2	63	60
	2½	75	50
	3	90	32

ELBOW 4KG (ISI)			
	Size (inch)	Size (mm)	Std. Pkg.
	2	63	90
	2½	75	55
	3	90	32
	4	110	25

BEND 45°			
	Size (inch)	Size (mm)	Std. Pkg.
	¼	40	300
	1½	50	200
	2	63	125
	2½	75	70
	3	90	40
4	110	32	

SINGLE WYE (PN6)			
	Size (inch)	Size (mm)	Std. Pkg.
	2½	75	22
	3	90	24
	4	110	12

\* Warranty applicable only if PARAS Pipes & Fittings is used with Paros Solvent Cement & Rubber Lubricants for Jointing.



## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

### TEE 16 KG



Size (inch)	Size (mm)	Std. Pkg.
2	63	55
2½	75	30
3	90	18
4	110	--

### TEE (PN4) SOCKET TYPE



Size (inch)	Size (mm)	Std. Pkg.
2	63	60
2½	75	35
3	90	20
4	110	18

### TEE 10 KG



2	63	55
2½	75	32
4	110	18

### TEE (PN4) DOOR SOCKET TYPE



2	63	55
---	----	----

### TEE 6 KG



½ (ISI)	20	500
¾ (ISI)	25	500
1 (ISI)	32	300
1¼ (ISI)	40	200
1½ (ISI)	50	80
2 (ISI)	63	50
2½ (ISI)	75	32
3 (ISI)	90	20
4 (ISI)	110	18
5	140	12
6	160	6
7	180	4
8	200	3

### TEE AQUA



1½	50	140
2	63	120
2½	75	70
3	90	40
4	110	26

### TEE AQUA WITH DOOR



1½	50	100
2	63	95
2½	75	55
3	90	35
4	110	20

### TEE 4 KG



½	20	500
¾	25	500
1	32	300
1¼	40	200
1½	50	100
5	140	12
6	160	6

### ONE SIDE THRD. TEE



½ x ½	20x1/2	500
¾ x ½	25x1/2	500
¾ x ¾	25x3/4	500
1 x 1	32 x 1	300
2	63	45
2½	75	25
3	90	20

### CROSS TEE



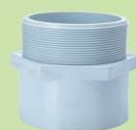
2	63	45
2½	75	26

### TEE 4 KG (ISI)



2	63	50
2½	75	35
3	90	20
4	110	18

### MTA



½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	300
2	63	150
2½	75	115
3	90	80
4	110	35

## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

### MTA HEAVY (HEX TYPE)



Size (inch)	Size (mm)	Std. Pkg.
2	63	150
2½	75	115
3	90	80
4	110	35
5	140	24
6	160	18

### TAIL PIECE 4 KG



Size (inch)	Size (mm)	Std. Pkg.
2	63	190
2½	75	140
3	90	80
4	110	50

### FTA



½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	300
2	63	125
2½	75	100
3	90	50
4	110	25

### TAIL PIECE 6 KG



2½	75	140
3	90	80
4	110	48
5	140	22
6	160	16

### FTA (HEAVY)



2	63	125
2½	75	90
3	90	50
4	110	25
5	140	18
6	160	18

### TAIL PIECE (FABRICATED)



2	63	120
2½	75	100
3	90	80
4	110	50

### COUPLER MOULDED



½	20	500
¾	25	500
1	32	500
1¼	40	450
1½	50	250
2	63	150
2½	75	90
3	90	55
4	110	30
5	140	28
6	160	18

### END CAP PLAIN (WITHOUT COLLAR)



4	110	70
4½	125	50

### COUPLER MOULDED (LW)



2	63	150
2½	75	90
3	90	110
4	110	60

### END CAP (PLAIN)



½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	500
2	63	250
2½	75	150
3	90	90
4	110	60
5	140	54
6	160	36
7	180	24
8	200	20

### SOCKET 4 KG (FABRICATED)



2	63	100
2½	75	60
3	90	40
4	110	35
5	140	15
6	160	12
7	180	9
8	200	7



## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

**uPVC AGRICULTURE FITTINGS - HSN CODE - 3917**

### SOCKET 6 KG (FABRICATED)



Size (inch)	Size (mm)	Std. Pkg.
1/2	20	500
3/4	25	500
1	32	300
1 1/4	40	200
1 1/2	50	100
2	63	100
2 1/2	75	60
3	90	40
4	110	35
5	140	15
6	160	12
7	180	9
8	200	7

### QUICK FIX COUPLER 4 KG (RUBBER RING)



Size (inch)	Size (mm)	Std. Pkg.
2	63	24
2 1/2	75	18
3	90	15
4	110	6
5	140	5
6	160	4

### QUICK FIX COUPLER 6 KG (RUBBER RING)

2 1/2	75	18
3	90	15
4	110	6
5	140	5
6	160	5

### BEND 4 KG (FABRICATED)



2	63	45
2 1/2	75	30
3	90	18
4	110	10
5	140	5
6	160	3
7	180	2
8	200	2

### REDUCER



3/4 x 1/2	25x20	500
1 x 1/2	32x20	500
1 x 3/4	32x25	500
1 1/4 x 1	40x32	500
1 1/2 x 1	50x32	350
1 1/2 x 1 1/4	50x40	300
2 x 1	63x32	175
2 x 1 1/4	63x40	175
2 x 1 1/2	63x50	175
2 1/2 x 1	75x32	125
2 1/2 x 1 1/4	75x40	125
2 1/2 x 1 1/2	75x50	125
2 1/2 x 2	75x63	125
3 x 2	90x63	100
3 x 2 1/2	90x75	100
4 x 2	110x63	48
4 x 2 1/2	110x75	48
4 x 3	110x90	48
4 x 4 1/2	110x125	35
5 x 2 1/2	140x75	54
5 x 3	140x90	54
5 x 4	140x110	54
6 x 2 1/2	160x75	32
6 x 3	160x90	32
6 x 4	160x110	32
6 x 5	160x140	30
8 x 4	200x110	15
8 x 6	200x160	15

### BEND 6 KG (FABRICATED)



1/2	20	350
3/4	25	200
1	32	200
1 1/4	40	100
1 1/2	50	60
2	63	45
2 1/2	75	30
3	90	18
4	110	10
5	140	5
6	160	3
7	180	2



### SHORT BEND 10 KG (FABRICATED)



1/2	20	500
-----	----	-----

### QUICK FIX COUPLER 4 KG (W/O RUBBER RING)



2	63	24
2 1/2	75	24
3	90	18
4	110	8
5	140	5
6	160	4

### REDUCING THREADED TEE



2 1/2 x 2	75x63	35
3 x 2 1/2	90x75	20

### REVERSE TEE




2 1/2 x 2	63x75x63	50
-----------	----------	----

# uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE


## uPVC AGRICULTURE FITTINGS - HSN CODE - 3917

### REPAIRING SERVICE SADDLE (FABRICATED) LENGTH 6"




Size (inch)	Size (mm)	Std. Pkg.
2	63	75
2½	75	50
3	90	40
4	110	25
5	140	20
6	160	20

### REDUCING TEE (PN6)




Size (inch)	Size (mm)	Std. Pkg.
2½ x 2	75x63	35
3 x 2	90x63	25
3 x 2½	90x75	25
4 x 2	110x63	18
4 x 2½	110x75	18
4 x 3	110x90	18

### REPAIRING SERVICE SADDLE (FABRICATED) LENGTH 12"




Size (inch)	Size (mm)	Std. Pkg.
2	63	40
2½	75	30
3	90	20
4	110	12
5	140	10
6	160	8

### REDUCING TEE (LW)



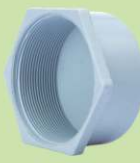
Size (inch)	Size (mm)	Std. Pkg.
2½ x 2	75x63	35
3 x 2	90x63	25
3 x 2½	90x75	25
4 x 2	110x63	18
4 x 2½	110x75	18
4 x 3	110x90	18

### REDUCING TEE



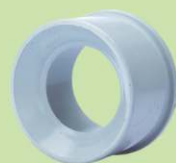
Size (inch)	Size (mm)	Std. Pkg.
¾ x ½	25x20	500
1 x ½	32x20	300
1 x ¾	32x25	300
1¼ x ½	40x20	200
1¼ x ¾	40x25	200
1¼ x 1	40x32	200
1½ x ½	50x20	175
1½ x ¾	50x25	175
1½ x 1	50x32	150
1½ x 1¼	50x40	125
2 x ½	63x20	100
2 x ¾	63x25	90
2 x 1	63x32	90
2 x 1¼	63x40	90
2 x 1½	63x50	70
2½ x ½	75x20	50
2½ x ¾	75x25	50
2½ x 1	75x32	50
2½ x 1¼	75x40	50
2½ x 1½	75x50	50
5 x 3	140x90	12
5 x 4	140x110	12
6 x 3	160x90	8
6 x 4	160x110	8
6 x 5	160x140	7

### END CAP THREADED




Size (inch)	Size (mm)	Std. Pkg.
½	20	500
¾	25	500
1	32	500
1¼	40	500
1½	50	250
2	63	250
2½	75	150
3	90	125
4	110	65

### REDUCING BUSH




Size (inch)	Size (mm)	Std. Pkg.
¾ x ½	25x20	500
1 x ½	32x20	500
1 x ¾	32x25	500
1¼ x ½	40x25	500
1¼ x 1	40x32	500
1½ x 1	50x32	500
1½ x 1¼	50x40	500
2 x 1	63x32	300
2 x 1¼	63x40	300
2 x 1½	63x50	300
2½ x 2	75x63	200
3 x 2	90x63	125
3 x 2½	90x75	125
4 x 2	110x63	75
4 x 2½	110x75	75
4 x 3	110x90	70

### REDUCING THREADED ELBOW



Size (inch)	Size (mm)	Std. Pkg.
2½ x 2	75x63	50
3 x 2½	90x75	32

### REDUCING ELBOW PLAIN



Size (inch)	Size (mm)	Std. Pkg.
¾ x ½	25x20	500
4 x 3	110x90	25



## uPVC AGRICULTURE FITTINGS STRONG, DURABLE & COST EFFECTIVE

### uPVC AGRICULTURE FITTINGS - HSN CODE - 3917

#### REDUCING CROSS TEE



Size (inch)	Size (mm)	Std. Pkg.
1¼ x ½	40x20	200
1¼ x ¾	40x25	200
1¼ x 1	40x32	175
1½ x ½	50x20	175
1½ x ¾	50x25	150
1½ x 1	50x32	125
1½ x 1¼	50x40	100
2 x ½	63x20	100
2 x ¾	63x25	90
2 x 1	63x32	70
2 x 1¼	63x40	70
2 x 1½	63x50	60
2½ x ½	75x20	50
2½ x ¾	75x25	50
2½ x 1	75x32	50
2½ x 1¼	75x40	50
2½ x 1½	75x50	40

#### RMTA



¾ x ½	25x20	500
1 x ½	32x20	500
2½ x 2	75x63	125
3 x 2	90x63	90
3 x 2½	90x75	80

#### RFTA



¾ x ½	25x20	500
1 x ½	32x20	500
1 x ¾	32x25	500
2½ x 2	75x63	125
3 x 2	90x63	80
3 x 2½	90x75	80
4 x 3	110x90	40

#### BRASS ELBOW (PN16)



¾ x ½	25x20	50
-------	-------	----

#### BRASS TEE (PN16)



¾ x ½	25x20	50
-------	-------	----

#### BRASS FTA (PN16)



¾ x ½	25x20	50
-------	-------	----

#### SERVICE SADDLE



Size (inch)	Size (mm)	Std. Pkg.
1¼ x ½	40x20	55
1¼ x ¾	40x25	55
1½ x ½	50x20	55
1½ x ¾	50x25	55
1½ x 1	50x32	55
2 x ½	63x20	35
2 x ¾	63x25	35
2 x 1	63x32	35
2½ x ½	75x20	35
2½ x ¾	75x25	35
2½ x 1	75x32	35
3 x ½	90x20	35
3 x ¾	90x25	35
3 x 1	90x32	35
4 x ½	110x20	25
4 x ¾	110x25	25
4 x 1	110x32	25
5 x ½	140x20	24
5 x ¾	140x25	24
5 x 1	140x32	24
6 x ½	160x20	24
6 x ¾	160x25	24
6 x 1	160x32	24

### SOLVENT CEMENT - HSN CODE - 3506

#### SOLVENT CEMENT TUBES

10ml.	240
25ml	200
50ml	90
100ml	50



#### BOTTLES



25ml	200
50ml	90
100ml	60
250ml	50
500ml	32
1 l/(L)	20
5 l/(L)	3

#### SOLVENT CEMENT TIN WITH BRUSH



50ml	100
100ml	60
250ml.	60
500ml.	24
1 l/(L)	16

\* Warranty applicable only if PARAS Pipes & Fittings is used with Paras Solvent Cement & Rubber Lubricants for Jointing.

