



Irrigation Co.
Jordan

FOR IRRIGATION AND
WATER SYSTEMS

PIPES CATALOG

2025

MAIS LATERAL PIPES

Tone Pipe [Pressure Compensating (PC)]

Tone Pipe (Tone PC)							
Pipe Type	Roll Length (m)	Number of Drippers	Dripper Length	W.T (0.1± mm)	Operating Pressure (bar)	O.D (0.5± mm)	I.D (0.5± mm)
16 mm – 50 cm – 0.6 liters PC	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 0.6 liters PC	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 0.6 liters PC	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 0.6 liters PC	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 0.6 liters PC	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 1 liters PC	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1 liters PC	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1 liters PC	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1 liters PC	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1 liters PC	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 1.2 liters PC	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1.2 liters PC	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1.2 liters PC	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1.2 liters PC	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1.2 liters PC	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 1.6 liters PC	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1.6 liters PC	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1.6 liters PC	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1.6 liters PC	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1.6 liters PC	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 2 liters PC	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 2 liters PC	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 2 liters PC	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 2 liters PC	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 2 liters PC	500	2500	Short	1	2.5	15	13

* CUSTOMIZATION AVAILABLE UPON REQUEST.

*The Length of Short Dripper = 3 cm

*W.T: Wall Thickness.

*O.D: Outside Diameter.

*I.D: Inside Diameter.

MAIS LATERAL PIPES

Tone Pipe [Pressure Compensating No Drain (PCND)]

Tone Pipe (PCND)							
Pipe Type	Roll Length (m)	Number of Drippers	Dripper Length	W.T (0.1± mm)	Operating Pressure (bar)	O.D (0.5± mm)	I.D (0.5± mm)
16 mm – 50 cm – 0.6 liters PCND	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 0.6 liters PCND	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 0.6 liters PCND	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 0.6 liters PCND	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 0.6 liters PCND	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 1 liters PCND	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1 liters PCND	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1 liters PCND	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1 liters PCND	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1 liters PCND	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 1.2 liters PCND	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1.2 liters PCND	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1.2 liters PCND	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1.2 liters PCND	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1.2 liters PCND	500	2500	Short	1	2.	15	13
16 mm – 50 cm – 1.6 liters PCND	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 1.6 liters PCND	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 1.6 liters PCND	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 1.6 liters PCND	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 1.6 liters PCND	500	2500	Short	1	2.5	15	13
16 mm – 50 cm – 2 liters PCND	500	1000	Short	1	2.5	15	13
16 mm – 40 cm – 2 liters PCND	500	1250	Short	1	2.5	15	13
16 mm – 30 cm – 2 liters PCND	500	1666	Short	1	2.5	15	13
16 mm – 25 cm – 2 liters PCND	500	2000	Short	1	2.5	15	13
16 mm – 20 cm – 2 liters PCND	500	2500	Short	1	2.5	15	13

* CUSTOMIZATION AVAILABLE UPON REQUEST.

*The Length of Short Dripper = 3 cm

*PCND: Pressure Compensating No Drain.

*W.T: Wall Thickness.

*O.D: Outside Diameter.

*I.D: Inside Diameter.

MAIS LATERAL PIPES

In-Line 16mm Pipe (GR – Non PC)

In-Line 16 mm Pipe							
Pipe Type	Roll Length (m)	Number of Drippers	Dripper Length	W.T (0.1± mm)	Operating Pressure (bar)	O.D (0.5± mm)	I.D (0.5± mm)
16 mm – 50 cm – 2 liters	400	800	Long	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 40 cm – 2 liters	400	1000	Long	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 30 cm – 2 liters	400	1333	Long	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 25 cm – 2 liters	400	1600	Long	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 20 cm – 2 liters	400	2000	Long	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 50 cm – 4 liters	400	800	Long / Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 40 cm – 4 liters	400	1000	Long / Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 30 cm – 4 liters	400	1333	Long / Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 25 cm – 4 liters	400	1600	Long / Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 20 cm – 4 liters	400	2000	Long / Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 50 cm – 8 liters	400	800	Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 40 cm – 8 liters	400	1000	Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 30 cm – 8 liters	400	1333	Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 25 cm – 8 liters	400	1600	Short	0.8 – 1.2	1	15	13.4 – 12.6
16 mm – 20 cm – 8 liters	400	2000	Short	0.8 – 1.2	1	15	13.4 – 12.6

***CUSTOMIZATION AVAILABLE UPON REQUEST.**

***The Length of Long Dripper = 6.9 cm**

***The Length of Short Dripper = 4 - 5 cm**

***W.T: Wall Thickness.**

***O.D: Outside Diameter.**

***I.D: Inside Diameter.**



MAIS LATERAL PIPES

In-Line 16mm Pipe [Pressure Compensating (PC)]

In-Line 16 mm Pipe (PC)

Pipe Type	Roll Length (m)	Number of Drippers	Dripper Length	W.T (0.1± mm)	Operating Pressure (bar)	O.D (0.5± mm)	I.D (0.5± mm)
16 mm – 50 cm – 2 liters PC	400	800	Short	1	2.5	15	14
16 mm – 40 cm – 2 liters PC	400	1000	Short	1	2.5	15	14
16 mm – 30 cm – 2 liters PC	400	1333	Short	1	2.5	15	14
16 mm – 25 cm – 2 liters PC	400	1600	Short	1	2.5	15	14
16 mm – 20 cm – 2 liters PC	400	2000	Short	1	2.5	15	14
16 mm – 50 cm – 2 liters PCND	400	800	Short	1	2.5	15	14
16 mm – 40 cm – 2 liters PCND	400	1000	Short	1	2.5	15	14
16 mm – 30 cm – 2 liters PCND	400	1333	Short	1	2.5	15	14
16 mm – 25 cm – 2 liters PCND	400	1600	Short	1	2.5	15	14
16 mm – 20 cm – 2 liters PCND	400	2000	Short	1	2.5	15	14
16 mm – 50 cm – 4 liters PC	400	800	Short	1	2.5	15	14
16 mm – 40 cm – 4 liters PC	400	1000	Short	1	2.5	15	14
16 mm – 30 cm – 4 liters PC	400	1333	Short	1	2.5	15	14
16 mm – 25 cm – 4 liters PC	400	1600	Short	1	2.5	15	14
16 mm – 20 cm – 4 liters PC	400	2000	Short	1	2.5	15	14

*CUSTOMIZATION AVAILABLE UPON REQUEST.

*The Length of Short Dripper = 3.5 cm

*PCND: Pressure Compensating No Drain.

*W.T: Wall Thickness.

*O.D: Outside Diameter.

*I.D: Inside Diameter.



MAIS LATERAL PIPES

In-Line 20mm Pipe (GR – Non PC)

In-Line 20 mm Pipes							
Pipe Type	Roll Length (m)	Number of Drippers	Dripper Length	W.T (0.1± mm)	Operating Pressure (bar)	O.D (0.5± mm)	I.D (0.5± mm)
20 mm – 40 cm – 2 liter	400	1000	Long	1	1	18.4	16.4
20 mm – 30 cm – 2 liter	400	1333	Long	1	1	18.4	16.4
20 mm – 25 cm – 2 liter	400	1600	Long	1	1	18.4	16.4
20 mm – 20 cm – 2 liter	400	2000	Long	1	1	18.4	16.4
20 mm – 40 cm – 4 liter	400	1000	Long	1	1	18.4	16.4
20 mm – 30 cm – 4 liter	400	1333	Long	1	1	18.4	16.4
20 mm – 25 cm – 4 liter	400	1600	Long	1	1	18.4	16.4
20 mm – 20 cm – 4 liter	400	2000	Long	1	1	18.4	16.4

***CUSTOMIZATION AVAILABLE UPON REQUEST.**

***The Length of Long Dripper = 6.9 cm**

***W.T: Wall Thickness.**

***O.D: Outside Diameter.**

***I.D: Inside Diameter.**



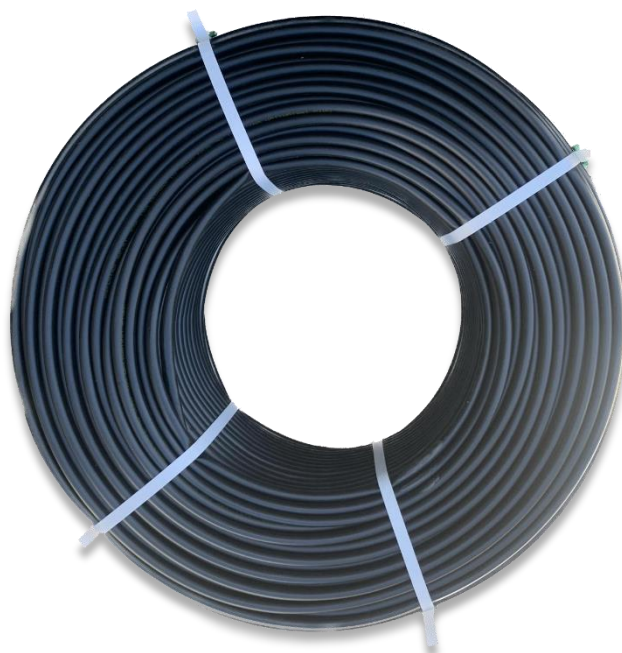
MAIS LATERAL PIPES

Plain 16mm Pipes

16 mm Pipes					
Pipe Type	Roll Length (m)	Wall Thickness (0.1± mm)	Operating Pressure (bar)	Outside diameter (0.5± mm)	Inside diameter (0.5± mm)
16 mm	400	0.8	2	16	14.4
16 mm	400	0.9	2.5	16	14.2
16 mm	400	1	3	16	14
16 mm	400	1.1	3.5	16	13.8
16 mm	400	1.2	4	16	13.6
16 mm	400	1.5	6	16	13
16 mm	400	1.8	10	16	12.4

*COMPATIBLE WITH BARBED FITTINGS & ON-LINE DRIPPERS.

*CUSTOMIZATION AVAILABLE UPON REQUEST.



MAIS LATERAL PIPES

Plain 20mm Pipes

20 mm Pipes					
Pipe Type	Roll Length (m)	Wall Thickness (0.1± mm)	Operating Pressure (bar)	Outside diameter (0.5± mm)	Inside diameter (0.5± mm)
20 mm	200	0.9	2	18.5	16.7
20 mm	200	1	2.5	18.7	16.7
20 mm	200	1.2	4	19	16.6
20 mm	200	1.4	5	19.5	16.7
20 mm	200	1.5	5	19.5	16.5
20 mm	200	1.5	5	20.1	17.1
20 mm	200	1.8	6	19.6	16

*COMPATIBLE WITH BARBED FITTINGS & ON-LINE DRIPPERS.

*CUSTOMIZATION AVAILABLE UPON REQUEST.



MAIS MAINLINE PIPES

Mainline Pipes

Mainline Pipes			
Outside diameter (mm)	Pipes Length (m)	Wall Thickness (0.2± mm)	Operating Pressure (bar)
25	100	1.8	6
32	100	1.9	6
50	100	2.4	6
63	100	2.8	6
75	100	3.3	6
90	100	4.3	6
110	100	5.3	6
125	100	6.6	6
160	50	7.85	6
180	12	6.9	6
200	12	7.7	6
225	12	8.6	6
250	12	9.6	6

***CUSTOMIZATION AVAILABLE UPON REQUEST.**

***PIPES 160 mm AND BELOW PRODUCED AS ROLL.**

***PIPES ABOVE 160 mm PRODUCED AS TUBE.**



PLAIN LATERAL PIPES

These Pipes Produced According to ISO 8779 - JS 1005 Standard

Outside diameter (mm)	PE 32			PE 40			PE 63
	Pipe Series						
	S 10	S 6.3	S 4	S 12.5	S 8	S 5	S 5
16	1.2	1.4	1.8	1	1.2	1.5	1.5
20	1.3	1.5	2.3	1.2	1.5	1.9	1.9
25	1.4	1.9	2.8	1.2	1.5	2.3	2.3
32	1.6	2.4	3.6	1.5	1.9	2.9	2.9
Nominal Operating Pressure (Bar)	2.5	4	6	2.5	4	6	10

***COMPATIBLE WITH COUPLING FITTINGS.**

***CUSTOMIZATION AVAILABLE UPON REQUEST.**

10 years' service life, water temp 20C, Pipe is manufactured in accordance to ISO 8779 - JS 1005 standards. If the pipe is needed for hot water up to 45C, the next lower pipe series is recommended.



MAINLINE PIPES

These Pipes Produced According To ISO 4427
And DIN 2074 Standard

	Pipe series									
	SDR 11		SDR 13.6		SDR 17		SDR 21		SDR 26	
	S 5		S 6.3		S 8		S 10		S 12.5	
	Nominal pressure (PN) Bar									
PE 63	PN 10		PN 8		PN 6.3		PN 5		PN 4	
PE 80	PN 12.5		PN 10		PN 8		PN 6		PN 5	
PE 100	PN 16		PN 12.5		PN 10		PN 8		PN 6	
Outside diameter (mm)	Wall thickness e (mm)									
	e min	e max	e min	e max	e min	e max	e min	e max	e min	e max
25	2.3	2.7	2	2.3	1.8	2				
32	3	3.4	2.4	2.8	2	2.3				
50	4.6	5.2	3.7	4.2	3	3.4	2.4	2.8	2	2.3
63	5.8	6.5	4.7	5.3	3.8	4.3	3	3.4	2.5	2.9
75	6.8	7.6	5.6	6.3	4.5	5.1	3.6	4.1	2.9	3.3
90	8.2	9.2	6.7	7.5	5.4	6.1	4.3	4.9	3.5	4
110	10	11.1	8.1	9.1	6.6	7.4	5.3	6	4.2	4.8
125	11.4	12.7	9.2	10.3	7.4	8.3	6	6.7	4.8	5.4
160	14.6	16.2	11.8	13.1	9.5	10.6	7.7	8.6	6.2	7
200	18	18.4	14.8	15.2	11.7	12.1	9.6	10	7.5	7.9
225	20.3	20.7	16.7	17.1	13.2	13.6	10.8	11.2	8.4	8.8
250	22.5	22.9	18.6	19	14.6	15	12	12.4	9.4	9.8



SPECIAL SIZE PIPE

Special Size Pipe			
Outside diameter (mm)	Wall Thickness (mm)	Operating Pressure (bar)	Inside diameter (mm)
5.8	0.9	3	4

*COMPATIBLE WITH SPECIAL SIZE FITTINGS & ON-LINE DRIPPERS.

*CUSTOMIZATION AVAILABLE UPON REQUEST.



HOW TO CUSTOMIZE PIPES

DRIPPER SPACING

PIPES LENGTH

WALL THICKNESS

DRIPPERS NUMBER

COLOR

(FULL OR STRIPE)

LABELING AND CODING

STANDARD COLOR

LANDSCAPES

TREATED WATER

DRINKING WATER

OTHER COLORS





PIONEERS IN IRRIGATION AND WATER SYSTEMS

GET IN TOUCH



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