

HDPE Portable Pipes

QUICK CONNECT[®]



Better B-Sure, Never Be Sorry!



Wide Range of Quick Connect[®] Portable Joints

Specially designed various quick connect coupler ensures speedy joints and easy detachment.



Innovative Design & Sealing Ring

Ensures leak proof joints and seal gives air tight connection.



Light Weight. Yet Strong & Robust

Pipes are flexible; not affected by harsh weather conditions & have long life.



Advance Manufacturing

Our long experience ensures best performance quality products.



Jain Irrigation Systems Ltd.

Small Ideas. Big Revolutions.[®]

HDPE Portable Pipes



Additional Features

- Manufactured from virgin high quality engineering plastics HDPE raw material.
- All weather installation or disassembly suitable for extreme site conditions.
- Low installation cost.
- Low frictional losses.
- Long System Life.
- Resistance to impact, chemicals & salt in water.
- Available in standard length of 6 m. Other pipe length can be supplied on demand.
- Conforming to IS-14151/ 17425, IS-4984.
- Also available in pressure rating of 2 kg/cm² with wall thickness of 1.7mm for 63mm & 75mm and 1.8 mm for 90 mm size

Applications

- Suitable for water supply distribution pipelines.
- Can be used for temporary and portable piping systems.

Technical Specifications

Outside Diameter	Minimum Pipe Wall Thickness (mm)					
	Pressure rating (kg/cm ²)					
mm	2.5	3.2	4.0	6.0	8.0	10.0
50	-	-	2.00	2.90	4.60	5.60
63	-	2.00	2.50	3.80	5.80	7.00
75	2.00	2.50	3.00	4.50	6.90	8.40
90	2.20	2.90	3.50	5.30	8.20	10.00
110	2.70	3.40	4.20	6.50	10.00	12.30
125	3.10	3.80	4.80	7.40	11.40	13.90
140	3.50	4.30	5.40	8.30	12.80	15.60
160	3.90	4.90	6.20	9.40	14.60	17.80

Ordering Specifications for Pipe

XXX	XXX	X	X	XXX	XX	XX	
	Type Of Joint	Pipe	Manufacturing Standard	Nominal Diameter (mm)	Pressure rating	Length Of Pipe	
QRC	PC - Plastic Clamp Type	P- pipe	A-IS 14151/ IS 17425	050 063 075	25 - 2.5 kg/cm ² 32 - 3.2 kg/cm ² 04 - 4 kg/cm ² 06 - 6 kg/cm ²	03 - 3 meter 06 - 6 meter 09 - 9 meter 12 - 12 meter	
	Quick Connect PC+	P- pipe	A-IS 14151/ IS 17425	075	25 - 2.5 kg/cm ² 32 - 3.2 kg/cm ²		
	SM+ - Single Metal Plus Clamp Type	P- pipe	A-IS 14151/ IS 17425	063 075 090	25 - 2.5 kg/cm ² 32 - 3.2 kg/cm ²		
	SM - Single Metal Clamp Type	P- pipe	A-IS 14151/ IS 17425	110	25 - 2.5 kg/cm ² 32 - 3.2 kg/cm ²		
QC	ML- Metal Latch Type	P- pipe	A-IS 14151/ IS 17425	063 075 090 110 125 140 160	25 - 2.5 kg/cm ² 32 - 3.2 kg/cm ² 04 - 4 kg/cm ² 06 - 6 kg/cm ²		
QC	HD Heavy Duty High Pressure Type	P- pipe	A-IS 14151/ IS 17425	110 125 140 160	08 - 8 kg/cm ² 10 - 10 kg/cm ²		

Example : QCMLPA0633206 - This code represents, Quick Connect Pipe with metal latch type joint, 63mm nominal diameter, pressure rating of 3.2 kg/cm² manufactured as per IS 14151, PE 63 grade material and length of pipe is 6m.

Note: For wall thicknesses as per IS 4984, please refer HDPE Pipe page in Pipes and Fittings section.

Quick - Connect® Clamps

We have perfection of jointing various joints according to the requirement of sizes. Quick-Connect® clamps are designed to withstand the tensile pull that will be acting on the joint when the pipeline is under pressure. The clamps sealing is achieved by a specially designed rubber seal, which not only allows easy and smooth connection, but also makes it watertight as the pipe is brought up to pressure. The unique feature of the joint is that it can take 3 to 5 degrees deflection without any leak.

Quick - Connect® SM +



Quick-Connect® clamp available in Single Metal Plus Clamp type design. These clamps are available in 63, 75, 90 mm size. These clamps are zinc plated to resist corrosion. These clamps are available in maximum working pressure of 4 kg/cm² (57 psi).

Quick - Connect® PC +



Quick Connect PC + has an innovative and robust single plastic clamp. It provides a reliable, leak free and easy to connect/disconnect joint. It is available in 75mm size. Other sizes such as 63 and 90 mm are under development. These clamps are moulded from selected high impact engineering plastic that provides a secure grip on the pipe to give high performance coupled with light weight. These clamps are available at a maximum working pressure of 6 kg/cm².

Quick - Connect® Plastic Clamp



For sizes 50, 63 & 75 mm Quick-Connect® clamps are made of plastic. These clamp are moulded from selected high impact engineering plastic that provides a secure grip on the pipe to give high performance coupled with light weight. These joints are available in maximum working pressure of 4 kg/cm² (57 psi).

Quick - Connect® Metal Clamp



For sizes 63, 75, 90 & 110 mm, the clamps are Zinc plated metal. These metal joints are Zinc plated to resist corrosion. The clamping is achieved by hooking two points that are diametrically opposite. These clamp withstand maximum working pressure of 6 kg/cm² (85 psi).

Quick - Connect® Heavy Duty Clamp



For sizes 110, 125, 140 & 160, the clamp have heavy-duty Zinc plated levers. The levers hook to the clamp on the socket and allow for a high-pressure joint. The clamp does not require anchoring during operation. These clamp withstand working pressure upto 8 kg/cm² (114 psi).

Note: For Above 110 mm size 3 clamp fittings will be provided

Fittings & Accessories

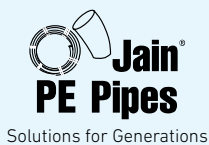


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PE Pipe Manual

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