



CONARCH ASSOCIATES
PVT. LTD.

PRODUCT BROCHURE
HDPE PIPES & FITTINGS



ABOUT US

OUR COMPANY

Conarch Associates, based in Uttar Pradesh, manufacture and supply PE piping solutions for water transportation and electrical conduiting projects. Presently serving the demands of North Indian governmental projects, Conarch Associates endeavors to supply high-quality products at the most affordable rates and supplement the products with 25 years of infrastructure industry experience servicing.

OUR CAPABILITIES

- Manufacture of PE 63, 80 and 100 pipes.
- Manufacture of moulded HDPE fittings for connecting HDPE pipes.
- Inspection for Quality Assurance of the products with in-house test laboratory.
- Timely transportation and delivery of the consignment.

ACCREDITATIONS AND QUALITY CHECK

We conform to manufacturing products according to specified industry standards. Our products are accredited by standards:

IS-4984:2016

ISO-9001:2015

IS-8008:2003

Our in-house test laboratory warrants routine and systematic checks of the PE raw material grades.

OUR COMMITMENT

- *Conforming to SDGs 6, 8, 9, 11, 12* - Production of high impact pipes, that are corrosion free, durable, leak-proof and energy saving for maximum environmental impact and efficiency.
- *Quality and Integration* - Production of highest standard pipes and fittings, and maintaining an efficient and time sensitive supply chain.
- *Industrialization and value creation for local economies in developing and emerging countries.*

GET IN TOUCH



+91 98712-54919, +91 98992-23330



Khasra No. 1206, Khata No. 807, Faridnagar, Uttar Pradesh, India



Headoffice@conarchassociates.com



www.conarchassociates.com

OUR OFFERINGS

HDPE PIPES



Our HDPE pipes offerings ranges from 20mm OD to 200 mm OD with pressure ratings ranging from 2 to 10. We also manufacture solutions customizable as per the requirements of our clients.

Our products are manufactured using best-in-class machinery and equipment, high-grade PE resins and specialized operators.

Our products meet the highest quality and industry standards. Every batch manufactured is sampled and checked for performance and geometric requirements in our in-house laboratory.

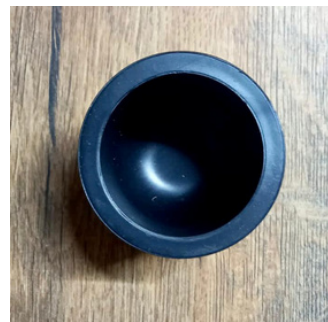
We manufacture all types of injection moulded and machined HDPE fittings intended for connection to HDPE pipes covered by IS 4984 for potable water supplies.

Our company is one of the few companies of India that manufactures HDPE fittings as per the industry standard IS-8008:2003.

Our product portfolio for HDPE fittings include:

- 90 degree bends and Ts
- Reducers and Endcaps

HDPE FITTINGS



OUR USP

- **Light Weight** - The pipes provide ease in transportation and installation and ensures fuel efficient supply chain.
- **Chemical and Abrasion Resistance** - Our Pipes and Fittings offer resistance to corrosive chemicals, and can withstand any damage caused by abrasive materials like sand, slurry, rocks, etc.
- **Strength** - Our pipes are impact protected and can hold off earth movements and other loads.
- **Flexibility** - The pipes can be coiled or cut into straight pieces and supplied as per the requirement of the clients.
- **Smooth Surface** - Our Pipes and Fittings are made with utmost precision and care, and lacks any ruggedness leading to frictional losses.

**HDPE granules used for manufacturing are procured from most reputed registered suppliers and are tested in the in-house QC laboratory, which is equipped with validated measuring and testing machines.*

**All of our pipes and fittings can be customized as per the requirements of the clients.*

TECHNICAL SPECIFICATION

Material Classification of pipes as per IS : 4984 /2016

Material Grade	MRS of material at 20° C - 50 years (Mpa)	Design Stress at 20° C (Mpa)	Design Stress at 30° C (Mpa)
PE 63	6.3	5	4
PE 80	8	6.3	5
PE 100	10	8	6.3

Wall Thickness (in mm) of pipes as per IS : 4984 /2016

DIA	SDR 41		SDR 33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11	
	PE 63/ PN 2		PE 63/ PN 2.5		PE 63/ PN 3.2		PE 63/ PN 4		PE 63/ PN 5		PE 63/ PN 6		PE 80/ PN 10	
	PE 80/ PN 2.5		PE 80/ PN 3.2		PE 80/ PN 4		PE 80/ PN 5		PE 80/ PN 6		PE 80/ PN 8			
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20													1.9	2.2
25													2.3	2.6
32									1.9	2.2	2.4	2.7	2.9	3.3
40							1.9	2.2	2.4	2.7	3	3.4	3.7	4.2
50					2	2.3	2.4	2.7	3	3.4	3.7	4.2	4.6	5.2
63					2.5	3.9	3	3.4	3.7	4.2	4.7	5.3	5.8	6.5
75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7
90	2.2	2.5	2.8	3.2	3.5	4	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1
110	2.7	3.1	3.4	3.8	4.3	4.8	5.3	6	6.5	7.3	8.1	9	10	11.1
125	3.1	3.5	3.8	4.3	4.8	5.4	6	6.7	7.4	8.2	9.2	10.2	11.4	12.7
140	3.5	4	4.3	4.8	5.4	6	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2
160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2
180	4.4	4.9	5.5	6.2	7	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1
200	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1	14.7	16.3	18.2	20.1

CONTACT US FOR FURTHER INFORMATION.

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