

ONE TRUSTED NAME FOR ALL UNDERGROUND PIPING APPLICATIONS

CORFIT[®]
Underground Double Wall
Corrugated Pipes

CABLEFIT[™]
CABLE DUCTING PIPES



CORFIT[®]
INSPECTION CHAMBER



PEFit[®]**AQUA**
HDPE PIPING SYSTEMS



DRAINFIT[™]
UPVC Underground
Drainage Piping Systems

CORFIT[®]
MANHOLE CHAMBERS



STATE-OF-THE-ART MANUFACTURING UNITS



HYDERABAD EST. 2021



JAIPUR EST. 2019



KOLHAPUR EST. 2012



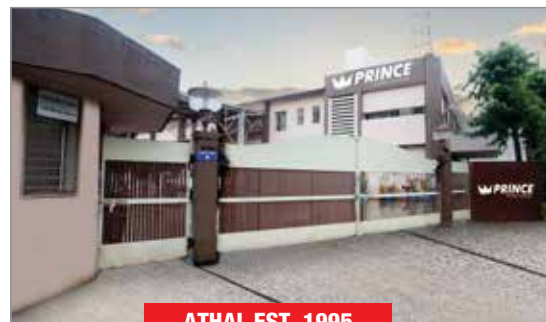
CHENNAI EST. 2012



HARIDWAR EST. 2008



DADRA EST. 2000



ATHAL EST. 1995

Prince Pipes provides the widest range of piping systems for all underground applications which are technologically advanced and fit for building a cleaner India. All our plants and work force are channelizing their efforts and energy towards achieving this mission making us the **ONE TRUSTED NAME** for all underground piping applications.

PEFIT AQUA



PEFit[®] AQUA
HDPE PIPING SYSTEMS

BRINGS WATER TO LIFE



As per
IS 4984:2016



Overview

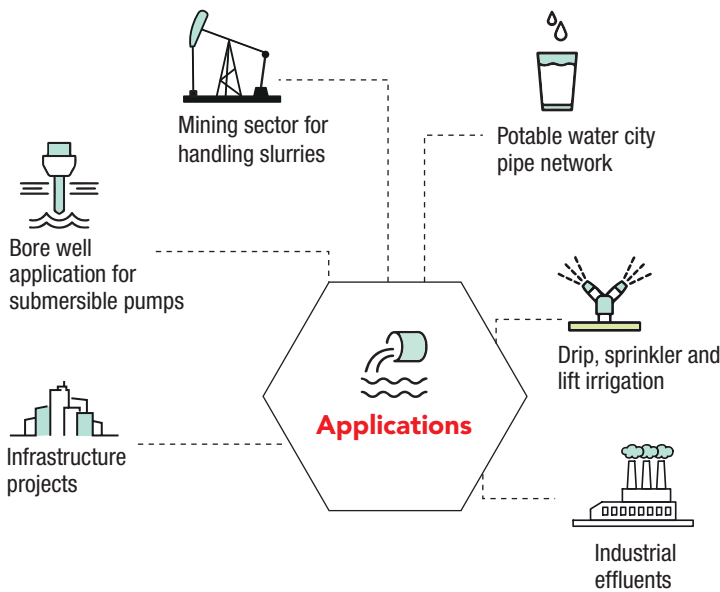
Polyethylene polymer is designed to meet the most demanding operating conditions in the process of transmission of various types of liquids. PRINCE PEFit Aqua is manufactured in our State-of-the-Art Manufacturing facilities using high quality virgin raw material.

Product Range

- **Pipes:** 20 to 315mm • **Lenght:** 6 meter & 12 meter
- **Coil:** 20 to 110mm

Standards

Pipes & Coil				
Size (mm)	Class	Standard	Working Pressure	End Connection
Pipe: 20 to 315 Coil: 20 to 110	PE63, PE80, PE100	IS 4984:2016	2KG/CM2 to 20KG/CM2 SDR41 to SDR6	Butt Welding, Electro Fusion



Features and Benefits

- Ease of installation and excellent weldability
- Excellent Flexibility
- Low friction coefficient & higher flow capacity
- UV Resistance
- Recyclable
- Light in weight
- Chemical and corrosion resistance*
- Resistance to ground movement and loads
- Good weather resistance
- Long Life

Standard dimension ratio (SDR) and corresponding wall thickness of pipes as per IS 4984:2016.

SDR	SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4	SDR 6														
Nominal Pressure (PN)																								
PE 63	PN 2	PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8	-	-	-														
PE 80	PN 2.5	PN 3.2	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20														
PE 100	PN 3	PN 4	PN 5	PN 6	PN 8	PN 10	PN 12.5	PN 16	PN 20	-														
Wall Thickness (mm)																								
Nominal OD (mm)	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max				
20													1.9	2.2	2.3	2.6	2.7	3.1	3.4	3.8				
25													1.9	2.2	2.3	2.6	2.8	3.2	3.4	3.8	4.2	4.7		
32													1.9	2.2	2.4	2.7	2.9	3.3	3.6	4.1	4.4	4.9	5.4	6.0
40								1.9	2.2	2.4	2.7	3.0	3.4	3.7	4.2	4.5	5.1	5.4	6.0	6.7	7.5			
50					2.0	2.3	2.4	2.7	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.3				
63					2.5	2.9	3.0	3.4	3.7	4.2	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7				
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	8.4	9.3	10.2	11.3	12.5	13.9				
90	2.2	2.5	2.8	3.2	3.5	4.0	4.3	4.8	5.3	5.9	6.7	7.5	8.2	9.1	10.0	11.1	12.2	13.5	15.0	16.6				
110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3	8.1	9.0	10.0	11.1	12.3	13.6	14.9	16.5	18.4	20.3				
125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2	9.2	10.2	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1				
140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2	10.3	11.4	12.8	14.2	15.6	17.3	19.0	21.0	23.4	25.8				
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	17.8	19.7	21.7	24.0	26.7	29.5				
180	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8	13.3	14.7	16.4	18.1	20.0	22.1	24.4	26.9	30.0	33.1				
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	22.3	24.6	27.1	29.9	33.4	36.8				
225	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12.0	13.3	14.7	16.6	18.4	20.5	22.7	25.0	27.6	30.5	33.7	37.5	41.4				
250	6.1	6.8	7.6	8.5	9.7	10.8	12.0	13.3	14.7	16.3	18.4	20.3	22.8	25.2	27.8	30.7	33.8	37.3	41.7	46.0				
280	6.9	7.7	8.5	9.5	10.8	12.0	13.4	14.8	16.5	18.3	20.6	22.8	25.5	28.2	31.2	34.4	37.9	41.8	46.7	51.5				
315	7.7	8.6	9.6	10.7	12.2	13.5	15.0	16.6	18.6	20.6	23.2	25.6	28.7	31.7	35.0	38.6	42.6	47.0	52.5	57.9				

*The chemical resistance chart can be provided on request.

Prince Zero Defect Network



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