



PEFit[®]AQUA

HDPE PIPING SYSTEMS

BRINGS WATER TO LIFE



As per
IS 4984:2016



Overview

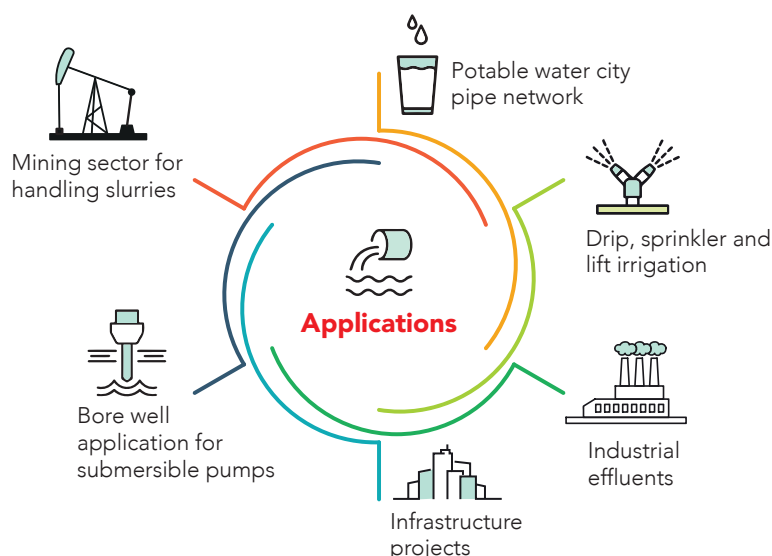
Polyethylene polymer is designed to meet the most demanding operating conditions in the process of transmission of various types of liquids. PRINCE **PEFit Aqua** is manufactured in our State of the Art Manufacturing facilities using high quality virgin raw material.

Product range

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

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

Dimensions

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
20										
25										
32										
40										
50										
63										
75	1.9	2.2	2.3	2.6	2.9	3.3	3.6	4.1	4.5	5.1
90	2.2	2.5	2.8	3.2	3.5	4.0	4.3	4.8	5.3	5.9
110	2.7	3.1	3.4	3.8	4.3	4.8	5.9	6.6	6.5	7.3
125	3.1	3.5	3.8	4.3	4.8	5.4	6.0	6.7	7.4	8.2
140	3.5	4.0	4.3	4.8	5.4	6.0	6.7	7.5	8.3	9.2
160	3.9	4.4	4.9	5.5	6.2	6.9	7.7	8.6	9.5	10.6
180	4.4	4.9	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8
200	4.9	5.5	6.1	6.8	7.7	8.6	9.6	10.7	11.8	13.1
225	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12.0	13.3	14.7
250	6.1	6.8	7.6	8.5	9.7	10.8	12.0	13.3	14.7	16.3
280	6.9	7.7	8.5	9.5	10.8	12.0	13.4	14.8	16.5	18.3
315	7.7	8.6	9.6	10.7	12.2	13.5	15.0	16.6	18.6	20.6