



# EUROAQUA®

PPR & PPR-CT PLUMBING TECHNOLOGY



PNEUMATIC PIPING

IS: 15801: 2008



DIN 8077/8078 Pipes  
DIN 16962 Fittings

CM/L: 6700037714

**tension  
FREE  
pipes**



Ø40mm to Ø315mm



## PPR & PPR-CT PIPES & FITTINGS

Ø20mm - Ø315mm

**FOOD GRADE**



Hot & Chilled Water



Infrastructure



Strong Chemicals



Air



Food



Leather



Pharma



Paper



Textile

The Leading Manufacturer and Exporter of Complete Range of PPR Pipes & Fittings

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## ABOUT US

Euroaqua Plumtek private limited is an ISO 9001 2015-certified organization, Initially started in the Name of Sakkthi Polymers in the year 1997 by **Er. P. Mohan MD** then incorporated as Euroaqua Plumtek Pvt Ltd in the year 2019. Our headquarters located at Sankari, Salem, Tamil Nadu and have multiple branches across India & Srilanka.

We are specialized in manufacturing PPR, PP-RCT, PE-RT, HDPE, MDPE Pipes & Fittings, PVC Flexible Hoses for Agriculture and Industries. Under the brand name **“EUROAQUA”**, **“AIRGUARD”** & **“PLUMTEK”**, which includes Taps, Faucets, Valves, Hoses and complete solution for Domestic & Industrial plumbing system. We are one of the leading Manufacturer and exporter of complete range of PPR pipes and fittings in India and first in South Asia, Introduced PP-RCT technology. We are exporting to more than 15 countries across the globe.

We aim to increase our product range to meet the every corner of a growing India with over 27 years of manufacturing experience. Expertise in bringing high quality solution to reduce bottom line Installation costs, extending the life span of piping system.



### VISION

“Our vision is to achieve greater goals beyond boundaries with dedication & professionalism”



Scan for Corporate Video



### MISSION

“We strive to offer our customers the cost-effective products at the excellent quality with the utmost satisfaction”



**WHAT IS PPR ?**

(Polypropylene Random Co-Polymer) PPR is a thermoplastic polyolefin which is processed into pipes & fittings with superior chemical & physical properties. PPR, PPR-C, PP-RC Pipes these are all same materials with different names mentioned worldwide.



**Why we need PPR ?**

They are the best carriers of high pressure potable water ( Hot and Cold) in domestic as well as in industrial applications ( chemicals & compressed air lines ) in terms of excellent quality & price.



**When we need PPR ?**

When long term performance under adverse conditions without deviation in the standards are required, high ESCR is needed.



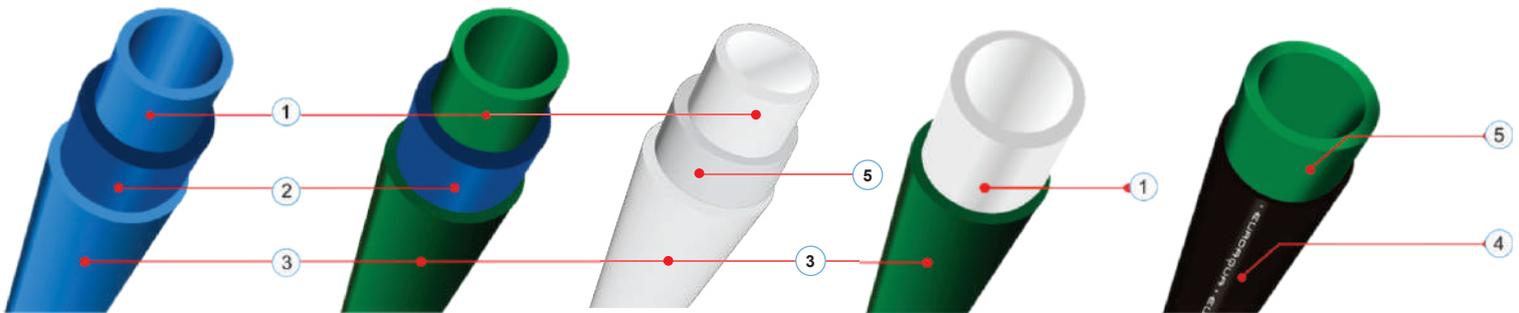
**Where we need PPR ?**

Areas of Advanced Piping - Food Grade / hotwater / Water tight systems / corrosion resistance / No encrustation tendency / Noise dampening plastic material / Long term pressure resistance applications / Chemical resistance / no leakage during its lifetime.

**PPR-FRP PIPES**

**3L ADVANCE PRO**

**PPR-2 LAYER PIPES**



- ① Anti-Microbial PPR Layer
- ② Glass Fiber Compound - FRP
- ③ UV Stabilized PP-R+FR Layer

- ④ Strong UV Stabilized Black PPR Layer
- ⑤ PPR - Layer Pipes

**PRECAUTIONS:**



**Transport & Handling**

The products should be handled with normal care. Pipes and fittings with imperfections should not be installed.



**Exposure to UV Rays**

It is recommended to do some protective outer layer / outer coating and avoid direct sun light exposures.



**Support**

The PPR pipes are not self contained so it is necessary to support them at specific distances.



**Low Temperatures**

At temperatures below - 5°C, following precautions should be taken Pay attention when cutting the pipe | check the cut made Avoid impact and excessive strains | Not to make elbows with very narrow radius in the presence of cold draughts, welding must be carried out in protected areas, to avoid quick cooling of the surfaces.



**Bending**

Large bends can be obtained by cold forming. If the bend radius is 8 times shorter than the dia of the pipe, it is recommended to heat up the part concerned by means of a hot air blower.



**Pipe Cutting**

Cutting should be carried out by using tools which ensure a clean cut free from burns and perpendicular to the axis.

**EUROAQUA & AIRGUARD PPR** Advanced Piping Technology is a new high technology system of pipes and fittings suitable for water supplies in buildings, chemicals & compressed air supply in Industries.

It has many important features including

### Resistance to Abrasion and Corrosion



- ◆ No corrosion by acid and alkaline fluids with pH values between 1 and 14
- ◆ High chemical resistance
- ◆ Excellent ESCR - Longer life
- ◆ High abrasion resistance - high flow velocities possible

### Very Smooth Surface of Pipes & Fittings



- ◆ No limestone or other deposits ( non polar nature and no bacterial & fungal growth
- ◆ Head loss / pressure drop reduced to a minimum / negligible

### Threaded Insert Fittings



- ◆ All threaded inserts are brass ( min.58% Cu ) with chromium plated
- ◆ Watertight assemblies with other metal elements in the installation

### Low Specific Weight



- ◆ Easy transport and handling
- ◆ Lowest density as compared to conventional metal pipes ( 1/8th times of metal pipe )

### Fitness for use in Seismic Areas



- ◆ Flexibility and toughness of the PPR pipes are best suited to be used in seismic prone areas
- ◆ The pipe is not prone to any damages

### Energy Saving



- ◆ Low heat conductivity of PPR leads to 10-20% energy saving. Heat preservation and energy saving greatly minimizes heat losses during hot water flow. The heat conduction coefficient is 1/200 of metal pipes



### High Internal Pressure Resistance

- ◆ Minimum 50 years lifetime.

### No Negative Influence on Water Quality



- ◆ Compliance with the international standards like FDA on the use of plastic materials for the transportation of drinking water
- ◆ Since UV treated, it prevents UV passage - prevents growth of bacteria & algae

### Welding Capacity



- ◆ 100% homogeneous connections, guaranteeing leak-tight ( minimum 50 years ), long lasting system
- ◆ Fast and easy installation
- ◆ Very good for concealed and above false roof piping applications

### Silence / Sound Absorption



- ◆ Considerable noise reduction in comparison to metal

### Reduced Condensation

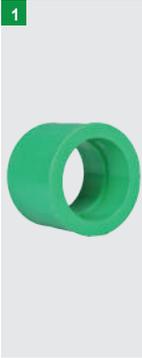


- ◆ Low heat conductivity reduces the condensation of water on the outer surface of cold water pipes

### Hygienic and Non Toxic



- ◆ All raw materials used in the production of the EUROAQUA & AIRGUARD PPR Plumbing Technology are non toxic, eco friendly, food grade in accordance with current international standards. [EXOVA - Body cote]



COUPLER		
CODE	SIZE	PCS Pouch/Bag
EB001	20mm	40/1600
EB002	25mm	34/1020
EB003	32mm	24/600
EB004	40mm	24/360
EB005	50mm	20/200
EB006	63mm	10/100
EB007	75mm	8/64
EB008	90mm	8/48
EB009	110mm	25/25
EB010	125mm	20/20
EB011	160mm	14/14



EQUAL TEE		
CODE	SIZE	PCS Pouch/Bag
EC001	20mm	28/840
EC002	25mm	24/480
EC003	32mm	12/240
EC004	40mm	12/120
EC005	50mm	10/80
EC006	63mm	8/48
EC007	75mm	12/24
EC008	90mm	18/18
EC009	110mm	10/10
EC010	125mm	6/6
EC011	160mm	5/5
EC012	200mm	1
EC013	250mm	1
EC014	315mm	1



ELBOW 90°		
CODE	SIZE	PCS Pouch/Bag
EE001	20mm	34/1020
EE002	25mm	22/660
EE003	32mm	20/300
EE004	40mm	30/150
EE005	50mm	20/100
EE006	63mm	10/60
EE007	75mm	15/30
EE008	90mm	10/20
EE009	110mm	12/12
EE010	125mm	10/10
EE011	160mm	6/6
EE012	200mm	1
EE013	250mm	1
EE014	315mm	1



ELBOW 45°		
CODE	SIZE	PCS Pouch/Bag
EE101	20mm	30/1500
EE102	25mm	22/770
EE103	32mm	20/400
EE104	40mm	30/300
EE105	50mm	30/150
EE106	63mm	12/72
EE107	75mm	10/40
EE108	90mm	12/24
EE109	110mm	16/16
EE110	125mm	10/10
EE111	160mm	8/8



REDUCER		
CODE	SIZE	PCS Pouch/Bag
EB101	25/20mm	24/1200
EB102	32/20mm	24/720
EB103	32/25mm	33/660
EB104	40/20mm	30/600
EB105	40/25mm	28/560
EB106	40/32mm	24/360
EB107	50/20mm	18/324
EB108	50/25mm	18/324
EB109	50/32mm	18/324
EB110	50/40mm	16/192
EB111	63/32mm	8/160
EB112	63/40mm	8/112
EB113	63/50mm	8/112
EB114	75/40mm	6/90
EB115	75/50mm	4/60
EB116	75/63mm	8/64
EB117	90/50mm	6/54
EB118	90/63mm	5/45
EB119	90/75mm	7/42
EB120	110/63mm	8/40
EB121	110/75mm	8/40
EB122	110/90mm	10/30
EB123	125/110mm	15/30
EB124	160/110mm	20/20
EB125	160/90mm	20/20
EB126	160/125mm	20/20
EB127A	200/110mm	12
EB127	200/160/125mm	12
EB128A	250/90mm	10
EB128B	250/110mm	10
EB128C	250/125mm	10
EB128	250/200/160mm	10
EB129A	315/110mm	6
EB129B	315/160mm	6
EB129C	315/200mm	6
EB129	315/250mm	6



REDUCER TEE		
CODE	SIZE	PCS Pouch/Bag
EC101	25/20/25mm	22/550
EC102	32/20/32mm	18/270
EC103	32/25/32mm	25/250
EC104	40/20/40mm	20/200
EC105	40/25/40mm	15/150
EC106	40/32/40mm	16/128
EC107	50/20/50mm	20/120
EC108	50/25/50mm	17/102
EC109	50/32/50mm	14/84
EC110	50/40/50mm	16/80
EC111	63/25/63mm	9/72
EC112	63/32/63mm	9/72
EC113	63/40/63mm	9/63
EC114	63/50/63mm	8/48
EC115	75/25/75mm	6/36
EC116	75/32/75mm	6/36
EC117	75/40/75mm	6/36
EC118	75/50/75mm	5/30
EC119	75/63/75mm	10/30
EC120	90/32/90mm	8/24
EC121	90/40/90mm	8/24
EC122	90/50/90mm	8/24
EC123	90/63/90mm	8/16
EC124	90/75/90mm	8/16
EC125	110/32/110mm	7/14
EC126	110/40/110mm	7/14
EC127	110/50/110mm	7/14
EC128	110/63/110mm	6/12
EC129	110/75/110mm	12/12
EC130	110/90/110mm	12/12
EC131	125/63/125mm	12/12
EC132	125/75/125mm	12/12
EC133	125/90/125mm	12/12
EC134	125/110/125mm	12/12
EC135	160/63/160mm	6/6
EC136	160/75/160mm	6/6
EC137	160/90/160mm	6/6
EC138	160/110/160mm	6/6
EC139	160/125/160mm	4/4



REDUCER ELBOW		
CODE	SIZE	PCS Pouch/Bag
EE601	25/20mm	30/900
EE602	32/20mm	20/500
EE603	32/25mm	24/480
EE604	40/32mm	20/200
EE605	40/25mm	20/200
EE606	40/20mm	13/195
EE607	50/40mm	12/120
EE608	50/32mm	24/120
EE609	50/25mm	24/120



FOUR WAY TEE / CROSS		
CODE	SIZE	PCS Pouch/Bag
EF001	20mm	24/550
EF002	25mm	24/360
EF003	32mm	18/180
EF004	40mm	18/90



FLANGE		
CODE	SIZE	PCS Pouch/Bag
EK101	32mm	13/104
EK102	40mm	25/75
EK103	50mm	20/60
EK104	63mm	12/60
EK105	75mm	23/46
EK106	90mm	40/40
EK107	110mm	36/36
EK108	125mm	20/20
EK109	160mm	15/15



FLANGE CORE		
CODE	SIZE	PCS Pouch/Bag
EK001	32mm	17/510
EK002	40mm	18/360
EK003	50mm	20/300
EK004	63mm	10/200
EK005	75mm	8/120
EK006	90mm	12/84
EK007	110mm	10/60
EK008	125mm	25/25
EK009	160mm	22/22
BUTT FUSION		
EK010	200mm	7/7
EK011	250mm	5/5
EK012	315mm	3/3



END CAP		
CODE	SIZE	PCS Pouch/Bag
ED001	20mm	36/2700
ED002	25mm	20/1500
ED003	32mm	20/800
ED004	40mm	21/525
ED005	50mm	18/270
ED006	63mm	10/150
ED007	75mm	10/100
ED008	90mm	12/60
ED009	110mm	7/35
ED010	125mm	25/25
ED011	160mm	20/20

Available Colours



**13 BALL VALVE**

CODE	SIZE	PCS Pouch/Bag
EH101	20mm	18/270
EH102	25mm	20/200
EH103	32mm	12/120
EH104	40mm	18/90
EH105	50mm	12/48
EH106	63mm	8/24
EH107	75mm	***

**14 TANK NIPPLE**

CODE	SIZE	PCS Pouch/Bag
EB301A	25mm/3/4"	20/400
EB301	32mm/1"	20/300
EB302	40mm/1 1/4"	30/300
EB303	50mm/1 1/2"	20/200
EB304	63mm/2"	10/100

**14-A BRASS TANK NIPPLE**

CODE	SIZE	PCS Pouch/Bag
EBT301	3/4"	10/100
EBT302	1"	5/50
EBT303	1-1/4"	4/40
EBT304	1-1/2"	4/40
EBT305	2"	4/32

**15 PLASTIC UNION**

CODE	SIZE	PCS Pouch/Bag
EI001	20mm	24/600
EI002	25mm	20/300
EI003	32mm	25/250
EI004	40mm	16/144
EI005	50mm	14/70
EI006	63mm	10/40

**16 BYE PASS BEND**

CODE	SIZE	PCS Pouch/Bag
EJ001	20mm	15/300
EJ002	25mm	18/180
EJ003	32mm	8/80

**17 CROSS OVER BEND**

CODE	SIZE	PCS Pouch/Bag
EJ101	20mm	10/300
EJ102	25mm	10/180
EJ103	32mm	8/80

**18 WELD SADDLE PLAIN**

CODE	SIZE	DRILL HOLE SIZE(ID)	PCS Pouch/Bag
EL201	40x20 mm	23mm	20/520
EL202	50x20 mm	23mm	20/520
EL203	63x32 mm	30mm	20/500
EL204	63x25 mm	30mm	20/500
EL205	75x32 mm	30mm	20/500
EL206	75x25 mm	30mm	20/500
EL207	90x32 mm	30mm	20/500
EL208	90x25 mm	30mm	20/500
EL209	110x32 mm	30mm	20/500
EL210	110x25 mm	30mm	20/500
EL210A	125x25mm	30mm	20/500
EL211	125x32 mm	30mm	20/500
EL212	125x40mm	38mm	20/500
EL212A	125x50mm	38mm	20/300
EL212B	125x63mm	62mm	10/250
EL212C	125x75mm	62mm	10/200
EL213	160x25mm	30mm	20/500
EL214	160x32mm	30mm	20/500
EL215	160x40mm	38mm	20/500
EL216	160x50mm	38mm	20/300
EL217	160x63mm	62mm	10/250
EL218	160x75mm	62mm	10/200
EL219	200x25mm	30mm	20/500
EL220	200x32mm	30mm	20/500
EL220A	200x40mm	38mm	25/500
EL220B	200x50mm	38mm	20/300
EL221	200x63mm	62mm	10/250
EL222	200x75mm	62mm	10/200
EL223	200x90mm	100mm	2/20
EL224	200x110mm	100mm	2/20
EL225	250x25mm	30mm	20/500
EL226	250x32mm	30mm	20/500
EL226A	250x40mm	38mm	25/500
EL226B	250x50mm	38mm	20/300
EL227	250x63mm	62mm	10/250
EL228	250x75mm	62mm	10/200
EL229	250x90mm	100mm	2/20
EL230	250x110mm	100mm	2/20
EL231	315x25mm	30mm	20/500
EL232	315x32mm	30mm	20/500
EL232A	315x40mm	38mm	25/500
EL232B	315x50mm	38mm	20/300
EL233	315x63mm	62mm	10/250
EL234	315x75mm	62mm	10/200
EL235	315x90mm	100mm	2/20
EL236	315x110mm	100mm	2/20

**19 WELD SADDLE (FEMALE THREAD)**

CODE	SIZE	DRILL HOLE SIZE(ID)	PCS Pouch/Bag
EB801	40mmx1/2"	23mm	8/320
EB802	50mmx1/2"	23mm	8/320
EB803	63mmx1/2"	30mm	10/250
EB804	63mmx3/4"	30mm	10/250
EB805	75mmx1/2"	30mm	10/250
EB806	75mmx3/4"	30mm	10/250
EB807	90mmx1/2"	30mm	10/250
EB808	90mmx3/4"	30mm	10/250
EB809	110mmx1/2"	30mm	10/250
EB810	110mmx3/4"	30mm	10/250
EB811	125mmx1/2"	30mm	10/250
EB812	125mmx3/4"	30mm	10/250
EB813	160mmx1/2"	30mm	10/250
EB814	160mmx3/4"	30mm	10/250
EB815	200mmx1/2"	30mm	10/250
EB816	200mmx3/4"	30mm	10/250
EB817	250mmx1/2"	30mm	10/250
EB818	250mmx3/4"	30mm	10/250
EB819	315mmx1/2"	30mm	10/250
EB820	315mmx3/4"	30mm	10/250

**20 MALE THREAD TEE**

CODE	SIZE	PCS Pouch/Bag
EC301	20mmx1/2"	8/240
EC302	25mmx1/2"	8/160
EC303	25mmx3/4"	8/120
EC304	32mmx1/2"	10/150
EC305	32mmx3/4"	10/150
EC306	32mmx1"	7/70

**21 FEMALE THREAD TEE**

CODE	SIZE	PCS Pouch/Bag
EC201	20mmx1/2"	10/300
EC202	25mmx1/2"	8/200
EC203	25mmx3/4"	7/175
EC204	32mmx1/2"	8/120
EC205	32mmx3/4"	8/120
EC206	32mmx1"	8/80
EC207	40mmx1-1/4"	8/40

**22-A WELDING DIE SET ONLY**

CODE	SIZE
EB951	Ø25mm
EB952	Ø32mm
EB953	Ø40mm

**22 WELD SADDLE DIE**

CODE	SIZE
EB901	40x20mm/1/2"
EB902	50x20mm/1/2"
EB903	63x25mm/32mm/ 1/2" / 3/4"
EB904	75x25mm/32mm/ 1/2" / 3/4"
EB905	90x25mm/32mm/ 1/2" / 3/4"
EB906	110x25mm/32mm/ 1/2" / 3/4"
EB907	125x25/32mm /1/2" / 3/4"
EB908	125x40/50mm
EB908A	125x63/75mm
EB909	160x25/32mm /1/2" / 3/4"
EB910	160x40mm/50mm
EB911	160x63mm/75mm
EB911A	200x40/50mm
EB912	200x63/75/90mm/110mm
EB912A	200x90/110mm
EB912B	250x40/50mm
EB913	250x63/75/90mm/110mm
EB913A	250x90/110mm
EB913B	315x40/50mm
EB914	315x63/75/90mm/110mm
EB914A	315x90/110mm
EB915	200x25mm/32mm/ 1/2" / 3/4"
EB916	250x25mm/32mm/ 1/2" / 3/4"
EB917	315x25mm/32mm/ 1/2" / 3/4"

**23 MALE THREAD UNION**

CODE	SIZE	PCS Pouch/Bag
EM101	20mmx1/2"	12/180
EM102	25mmx3/4"	10/150
EM103	32mmx1"	6/90
EM104	40mmx1-1/4"	8/80
EM105	50mmx1-1/2"	6/48
EM106	63mmx2"	4/24

**24 FEMALE THREAD UNION**

CODE	SIZE	PCS Pouch/Bag
EI101	20mmx1/2"	12/180
EI102	25mmx3/4"	10/150
EI103	32mmx1"	6/90
EI104	40mmx1 1/4"	8/80
EI105	50mmx1 1/2"	6/48
EI106	63mmx2"	4/24

Drill with Proper Diameter and Make Correct ID Hole

Heat up the Weld-in Saddle and ID of the pipe with proper Dies

Fuse weld-in saddle with Pipe permanently

Weld-in Saddles available from 40mm to 315mm sizes



DRILL HOLE SIZE



Available Colours





METAL UNION		
CODE	SIZE	PCS Pouch/Bag
EI301	20mm	12/180
EI302	25mm	10/150
EI303	32mm	6/90
EI304	40mm	8/80
EI305	50mm	6/48
EI306	63mm	5/25



MALE THREAD COUPLER		
CODE	SIZE	PCS Pouch/Bag
EB301	20mmx1/2"	10/300
EB302	20mmx3/4"	10/200
EB303	25mmx1/2"	15/300
EB304	25mmx3/4"	10/200
EB305	32mmx1/2"	14/210
EB306	32mmx3/4"	14/210
EB307	32mmx1"	15/150
EB308A	40mmx1"	6/60
EB308	40mmx1-1/4"	6/60
EB309	50mmx1-1/2"	5/50
EB310	63mmx2"	5/40
EB311	75mmx2-1/2"	12/24
EB312	90mmx3"	3/12
EB313	110mmx4"	6/6



FEMALE THREAD COUPLER		
CODE	SIZE	PCS Pouch/Bag
EB201	20mmx1/2"	10/300
EB202	20mmx3/4"	12/240
EB203	25mmx1/2"	12/240
EB204	25mmx3/4"	12/240
EB205	32mmx1/2"	12/240
EB206	32mmx3/4"	10/200
EB207	32mmx1"	10/150
EB208A	40mmx1"	8/80
EB208	40mmx1-1/4"	8/80
EB209	50mmx1-1/2"	5/50
EB210	63mmx2"	5/40
EB211	75mmx2-1/2"	12/24
EB212	90mmx3"	7/14
EB213	110mmx4"	6/6



MALE THREAD ELBOW		
CODE	SIZE	PCS Pouch/Bag
EE401	20mmx1/2"	10/300
EE402	25mmx1/2"	12/240
EE403	25mmx3/4"	14/210
EE404	32mmx1/2"	8/120
EE405	32mmx3/4"	8/120
EE406	32mmx1"	10/100



WALL PLATE MALE THREAD ELBOW		
CODE	SIZE	PCS Pouch/Bag
EW401	20mmx1/2"	12/240
EW402	25mmx1/2"	12/240



STOP VALVE		
CODE	SIZE	PCS Pouch/Bag
EH001	20mm	8/120
EH002	25mm	8/80
EH003	32mm	6/60
EH004	40mm	7/42
EH005	50mm	10/50
EH006	63mm	10/20



FEMALE THREAD ELBOW		
CODE	SIZE	PCS Pouch/Bag
EE201	20mmx1/2"	10/300
EE202	25mmx1/2"	12/240
EE203	25mmx3/4"	12/180
EE204	32mmx1/2"	10/150
EE205	32mmx3/4"	8/120
EE206	32mmx1"	10/100
EE207	40mmx1-1/4"	5/50
EE208	50mmx1 1/2"	10/50



WALL PLATE FEMALE THREAD ELBOW		
CODE	SIZE	PCS Pouch/Bag
EW201	20mmx1/2"	12/240
EW202	25mmx1/2"	12/240



CONCEALED STOP VALVE		
CODE	SIZE	PCS Pouch/Bag
EH001A	20mm	28/28
EH002A	25mm	28/28
EH003A	32mm	28/28



TEMPLATE - ADJUSTABLE	
CODE	PCS Pouch/Bag
ET001	***

(FOR WALL MIXER ELBOW)

Scan QR Code for Installation



LONG PIPE PLUG		
CODE	SIZE	PCS Pouch/Bag
ED201	1/2"	36/900
ED202	3/4"	24/600



PLUG		
CODE	SIZE	PCS Pouch/Bag
ED101	1/2"	20/3000
ED102	3/4"	20/2000
ED103	1"	20/1000



PIPE CUTTER (Imported)		
CODE	SIZE	PCS Pouch/Bag
EM006	20-40mm	1/48
EM007	20-63mm	1/10



PIPE CUTTER (Indian)		
CODE	SIZE	PCS Pouch/Bag
EM006I	20-40mm	1/40
EM007I	20-75mm	1/10



CLAMP		
CODE	SIZE	PCS Pouch/Bag
EG001	20mm	25/2500
EG002	25mm	28/1960
EG003	32mm	30/1500
EG004	40mm	20/1000
EG005	50mm	14/700
EG006	63mm	20/500



WELDING MACHINE (Imported)		
CODE	SIZE	PCS Pouch/Bag
EL112	20-63	1/5
EL113	75-110	1/5
EL114	160	1/4
WELDING DIE ONLY		
EL106	125mm	-



WELDING MACHINE (Indian)		
CODE	SIZE	PCS Pouch/Bag
EL112I	20-40	1/10
EL114I	20-63	1/10
EL113I	75-110	1/5



REPAIR SET		
CODE	SIZE	PCS Pouch/Bag
EZ001	9mm	***
EZ002	11mm	***



WELDING DEVICE (Hydraulic Pump)		
CODE	SIZE	PCS Pouch/Bag
EB30	160mm	-

Available Colours



Courtesy: Best Installation & Support Systems by Viral V Care



PPR

41

PN10 /SDR11 /S 5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA001	20x2.0mm	75
EA002	25x2.3mm	50
EA003	32x2.9mm	30
EA004	40x3.7mm	20
EA005	50x4.6mm	15
EA006	63x5.8mm	10
EA007	75x6.8mm	7
EA008	90x8.2mm	5
EA009	110x10.0mm	3
*EA010	125x11.40mm	2
*EA011	160x14.60mm	1
*EA012	200x18.20mm	1
*EA013	250x22.70mm	1
*EA014	315x28.60mm	1

42

PN16 /SDR7.4 /S3.2		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA201	20x2.8mm	75
EA202	25x3.5mm	50
EA203	32x4.4mm	30
EA204	40x5.5mm	20
EA205	50x6.9mm	15
EA206	63x8.6mm	10
EA207	75x10.3mm	7
EA208	90x12.3mm	5
EA209	110x15.1mm	3
*EA210	125x16.9mm	2
*EA211	160x21.9mm	1

43

PN20 /SDR 6 /S2.5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA301	20x3.4mm	75
EA302	25x4.2mm	50
EA303	32x5.4mm	30
EA304	40x6.7mm	20
EA305	50x8.3mm	15
EA306	63x10.5mm	10
EA307	75x12.5mm	7
EA308	90x15.0mm	5
EA309	110x18.3mm	3
*EA310	125x20.8mm	2
*EA311	160x26.6mm	1

44

PN25 /SDR 5 /S 2 ★		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA401	20x4.0mm	75
EA402	25x5.0mm	50
EA403	32x6.4mm	30
EA404	40x8.0mm	20
EA405	50x10.0mm	15
EA406	63x12.6mm	10

45

PN06 /SDR17.5 /S8.25 ★		
CODE	SIZE	LENGTH/ BUNDLE
EA512	200x11.4mm	1
EA513	250x14.2mm	1
EA514	315x17.90mm	1

46

PN04 /SDR26 /S12.5 ★		
CODE	SIZE	LENGTH/ BUNDLE
EA612	200x7.7mm	1
EA613	250x8.6mm	1
EA614	315x12.1mm	1

★ Special request only

Specification: size(mm) X wall thickness(mm)

Available Colours: ● GREEN ● BLUE ● BLACK ● WHITE ● RED

PPR - 3L ADVANCE PRO

47

PN10 /SDR11 /S 5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA001A	20x2.0mm	75
EA002A	25x2.3mm	50
EA003A	32x2.9mm	30
EA004A	40x3.7mm	20
EA005A	50x4.6mm	15
EA006A	63x5.8mm	10
EA007A	75x6.8mm	7
EA008A	90x8.2mm	5
EA009A	110x10.0mm	3
*EA010A	125x11.40mm	2
*EA011A	160x14.60mm	1
*EA012A	200x18.20mm	1
*EA013A	250x22.70mm	1
*EA014A	315x28.60mm	1

48

PN16 /SDR7.4 /S3.2		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA201A	20x2.8mm	75
EA202A	25x3.5mm	50
EA203A	32x4.4mm	30
EA204A	40x5.5mm	20
EA205A	50x6.9mm	15
EA206A	63x8.6mm	10
EA207A	75x10.3mm	7
EA208A	90x12.3mm	5
EA209A	110x15.1mm	3
*EA210A	125x16.9mm	2
*EA211A	160x21.9mm	1

49

PN20 /SDR 6 /S2.5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA301A	20x3.4mm	75
EA302A	25x4.2mm	50
EA303A	32x5.4mm	30
EA304A	40x6.7mm	20
EA305A	50x8.3mm	15
EA306A	63x10.5mm	10
EA307A	75x12.5mm	7
EA308A	90x15.0mm	5
EA309A	110x18.3mm	3
*EA310A	125x20.8mm	2
*EA311A	160x26.6mm	1

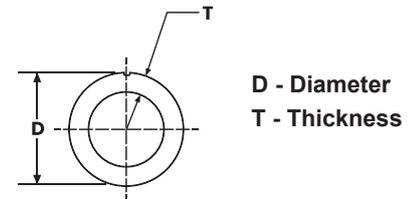
Ø 125mm PPR PIPES &  
ALL FITTINGS AVAILABLE

★ Special request only

Specification: size(mm) X wall thickness(mm)

50

PN25 /SDR 5 /S2 ★		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA401A	20x4.0mm	75
EA402A	25x5.0mm	50
EA403A	32x6.4mm	30
EA404A	40x8.0mm	20
EA405A	50x10.0mm	15
EA406A	63x12.6mm	10



Available Colours: ● GREEN ● BLUE ● BLACK ● WHITE ● RED

PPR+FRP - THERMOKING

51

PN10 /SDR11 /S 5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA005F	50x4.6mm	15
EA006F	63x5.8mm	10
EA007F	75x6.8mm	7
EA008F	90x8.2mm	5
EA009F	110x10.0mm	3
*EA010F	125x11.40mm	2
*EA011F	160x14.60mm	1
*EA012F	200x18.20mm	1
*EA013F	250x22.70mm	1
*EA014F	315x28.60mm	1

52

PN16 /SDR7.4 /S3.2		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA201F	20x2.8mm	75
EA202F	25x3.5mm	50
EA203F	32x4.4mm	30
EA204F	40x5.5mm	20
EA205F	50x6.9mm	15
EA206F	63x8.6mm	10
EA207F	75x10.3mm	7
EA208F	90x12.3mm	5
EA209F	110x15.1mm	3
*EA210F	125x16.9mm	2
*EA211F	160x21.9mm	1

53

PN20 /SDR 6 /S2.5		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA301F	20x3.4mm	75
EA302F	25x4.2mm	50
EA303F	32x5.4mm	30
EA304F	40x6.7mm	20
EA305F	50x8.3mm	15
EA306F	63x10.5mm	10
EA307F	75x12.5mm	7
EA308F	90x15.0mm	5
EA309F	110x18.3mm	3
*EA310F	125x20.8mm	2
*EA311F	160x26.6mm	1

54

PN25 /SDR 5 /S 2 ★		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA404F	40x8.0mm	20
EA405F	50x10.0mm	15
EA406F	63x12.6mm	10

55

PN06 /SDR17.5 /S8.25 ★		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA612F	200x11.4mm	1
EA613F	250x14.2mm	1
EA613F	315x18mm	1

56

PN04 /SDR26 /S12.5 ★		
CODE	SIZE/DxT	LENGTH/ BUNDLE
EA612F	200x7.7mm	1
EA613F	250x8.6mm	1
EA614F	315x12.1mm	1

★ Special request only

Specification: size(mm) X wall thickness(mm)

Available Colours: ● GREEN ● BLUE ● BLACK ● WHITE ● RED



PLUMTEK PE-RT Pipe can be supplied in both coil form & Length of Standard 3 Mtr ( any Length )

**1**

**PE-RT PIPE COIL (PN16/SDR7.4/S 3.2)**

CODE	SIZE	PCS (BUNDLE/ROLL)
PRTC101	20mm	30 Mtr
PRTC102	25mm	30 Mtr
PRTC103	32mm	30 Mtr

\*30,50,60 Mtrs Coils Available

**2**

**PE-RT PIPE COIL (PN20/SDR 6/S2.5)**

CODE	SIZE	PCS (BUNDLE/ROLL)
PRTC201	20mm	30 Mtr
PRTC202	25mm	30 Mtr
PRTC203	32mm	30 Mtr

\*30,50,60 Mtrs Coils Available

**3**

**PE-RT PIPE (PN16/SDR7.4/S 3.2)**

CODE	SIZE	PCS (LENGTH/BUNDLE)
PRTL101	20mm	50
PRTL102	25mm	40
PRTL103	32mm	30

\*Standard Length 3 Mtrs

**4**

**PE-RT PIPE (PN20/SDR6/S 2.5)**

CODE	SIZE	PCS (LENGTH/BUNDLE)
PRTL201	20mm	75
PRTL202	25mm	50
PRTL203	32mm	30

\*Standard Length 3 Mtrs

**5**

**SOCKET**

CODE	SIZE	PCS (CTN/POUCH)
PBSK001	20mm	100/10
PBSK002	25mm	80/8
PBSK003	32mm	60/6

**6**

**ELBOW 90°**

CODE	SIZE	PCS (CTN/POUCH)
PBEL001	20mm	60/6
PBEL002	25mm	50/5
PBEL003	32mm	40/4

**7**

**ELBOW 45°**

CODE	SIZE	PCS (CTN/POUCH)
PBEF001	20mm	60/6
PBEF002	25mm	50/5
PBEF003	32mm	40/4

**8**

**MALE THREAD ELBOW**

CODE	SIZE	PCS (CTN/POUCH)
PBME001	20x1/2"	60/6
PBME002	20x1/2"	50/5

**9**

**FEMALE THREAD ELBOW**

CODE	SIZE	PCS (CTN/POUCH)
PBFE001	20x1/2"	60/6
PBFE002	20x1/2"	50/5

**10**

**WALL PLATE MALE THREAD ELBOW**

CODE	SIZE	PCS (CTN/POUCH)
PBWM001	20x1/2"	72/6
PBWM002	25x1/2"	50/5

**11**

**WALL PLATE FEMALE THREAD ELBOW**

CODE	SIZE	PCS (CTN/POUCH)
PBWF001	20x1/2"	72/6
PBWF002	25x1/2"	50/5

**12**

**TEMPLATE - ADJUSTABLE (WALL MIXER ELBOW)**

CODE	PCS (CTN/POUCH)
PWMT001	***

Scan QR Code for Installation

**13**

**WALL PLATE BRASS FEMALE THREAD ELBOW**

CODE	SIZE	PCS (CTN/POUCH)
PRSWF001	20x1/2"	150/10
PRSWF002	25x1/2"	120/10

**14**

**TEE**

CODE	SIZE	PCS (CTN/POUCH)
PBTE001	20mm	80/8
PBTE002	25mm	70/7
PBTE003	32mm	30/3

**15**

**TEE MALE THREAD**

CODE	SIZE	PCS (CTN/POUCH)
PBTM001	20x1/2"	60/6
PBTM002	25x1/2"	50/5
PBTM003	32x1/2"	40/4

**16**

**TEE FEMALE THREAD**

CODE	SIZE	PCS (CTN/POUCH)
PBTF001	20x1/2"	60/6
PBTF002	25x1/2"	50/5
PBTF003	32x1/2"	40/4

**17**

**MANIFOLD TEE**

CODE	SIZE	PCS (CTN/POUCH)
PBTF001	25x20x25mm	20/4
PBTF002	32x20x32mm	15/3
PBTF003	32x25x32mm	10/2

**18**

**CONCEALED STOP VALVE**

CODE	SIZE	PCS (CTN/POUCH)
PBCSV001	20mm	28/1
PBCSV002	25mm	28/1

A B C

**19**

**STOP VALVE**

CODE	SIZE	PCS (CTN/POUCH)
PBSTV001	20mm	28/1
PBSTV002	25mm	28/1

**20**

**MALE THREAD ADAPTOR**

CODE	SIZE	PCS (CTN/POUCH)
PBAM001	20x1/2"	100/10
PBAM002	25x3/4"	80/8
PBAM003	32x1"	60/6

**21**

**FEMALE THREAD ADAPTOR**

CODE	SIZE	PCS (CTN/POUCH)
PBAF001	20x1/2"	100/10
PBAF002	25x3/4"	80/8
PBAF003	32x1"	60/6

**22**

**BRASS MALE THREAD ADAPTOR**

CODE	SIZE	PCS (CTN/POUCH)
PRSAM001	20x1/2"	250/10
PRSAM002	25x1/2"	200/10
PRSAM003	25x3/4"	140/10
PRSAM004	32x1"	80/4

**23**

**BRASS FEMALE THREAD ADAPTOR**

CODE	SIZE	PCS (CTN/POUCH)
PRSAF001	20x1/2"	200/10
PRSAF002	25x1/2"	150/10

**24**

**REDUCER**

CODE	SIZE	PCS (CTN/POUCH)
PBRD001	25/20mm	100/10
PBRD002	32/25mm	60/6
PBRD003	32/20mm	40/4

**25**

**TANK CONNECTOR**

CODE	SIZE	PCS (CTN/POUCH)
PBTC001	32x1"	80/4

**26**

**END CAP**

CODE	SIZE	PCS (CTN/POUCH)
PBEC001	20mm	200/10
PBEC002	25mm	120/8
PBEC003	32mm	80/4

**27**

**CROSSOVER BEND**

CODE	SIZE	PCS (CTN/POUCH)
PBCB001	20mm	160/8
PBCB002	25mm	100/5
PBCB003	32mm	60/4

Prices are Per Metre for Pipe and Per Piece for Fittings



WALL CLAMP			
CODE	SIZE	PCS (CTN/POUCH)	
PTWC001	20mm	500	50
PTWC002	25mm	400	40
PTWC003	32mm	300	30



LONG PIPE PLUG		
CODE	SIZE	PCS (CTN/POUCH)
P RTP001	1/2"	200/20



PIPE PLUG		
CODE	SIZE	PCS (CTN/POUCH)
P RTP101	1/2"	300/50



ENTRY SLEEVE		
CODE	SIZE	PCS (CTN/POUCH)
P BES001	20mm	500/50
P BES002	25mm	400/40
P BES003	32mm	300/30



SPACER WASHER		
CODE	SIZE	PCS (CTN/POUCH)
P B TS001	20mm	25
P B TS002	25mm	25
P B TS003	32mm	25



O-RING		
CODE	SIZE	PCS (CTN/POUCH)
P DM O001	20mm	25
P DM O002	25mm	25
P DM O003	32mm	25



GRAB RING		
CODE	SIZE	PCS (CTN/POUCH)
P SS G001	20mm	25
P SS G002	25mm	25
P SS G003	32mm	25



PIPE EDGE TRIMMER		
CODE	SIZE	PCS (CTN/POUCH)
P AL001	20-40mm	200/20



PIPE CUTTER (Imported)		
CODE	SIZE	PCS (CTN/POUCH)
EM006	20-40mm	1/ 12
EM007	20-63mm	1/ 12

**PE-RT PIPE SERIES**



PN10 / SDR11 / S5			
CODE	SIZE	PCS (Length/Bundle)	
P RTL001	20x2.0mm	75	
P RTL002	25x2.3mm	50	
P RTL003	32x2.9mm	30	
P RTL004	40x3.7mm	20	
P RTL005	50x4.6mm	15	
P RTL006	63x5.8mm	10	
P RTL007	75x6.8mm	7	
P RTL008	90x8.2mm	5	
P RTL009	110x10.0mm	3	
P RTL010	125x11.40mm	2	
P RTL011	160x14.60mm	1	



PN16 / SDR7.4 / S 3.2			
CODE	SIZE	PCS (Length/Bundle)	
P RTL101	20x2.8mm	75	
P RTL102	25x3.5mm	50	
P RTL103	32x4.4mm	30	
P RTL104	40x5.5mm	20	
P RTL105	50x6.9mm	15	
P RTL106	63x8.6mm	10	
P RTL107	75x10.3mm	7	
P RTL108	90x12.3mm	5	
P RTL109	110x15.1mm	3	
P RTL110	125x16.90mm	2	
P RTL111	160x21.9mm	1	



PN20 / SDR6 / S 2.5			
CODE	SIZE	PCS (Length/Bundle)	
P RTL201	20x3.4mm	75	
P RTL202	25x4.2mm	50	
P RTL203	32x5.4mm	30	
P RTL204	40x6.7mm	20	
P RTL205	50x8.3mm	15	
P RTL206	63x10.5mm	10	
P RTL207	75x12.5mm	7	
P RTL208	90x15.0mm	5	
P RTL209	110x18.3mm	3	
P RTL210	125x20.8mm	2	
P RTL211	160x26.6mm	1	

**PLUMTEK PE-RT Socket Fusion Fittings**

PERT Pipes can be joined by Socket Fusion / Welding method by using PE-RT Socket Fusion Fittings Only and welding temperature, dies are similar to PPR.

\* PPR and PE-RT Cannot be Weld/Joined



COUPLER		
CODE	SIZE	PCS (CTN/POUCH)
P CR001S	20mm	1600
P CR002S	25mm	1020
P CR003S	32mm	600
P CR004S	40mm	360
P CR005S	50mm	200
P CR006S	63mm	100
P CR007S	75mm	64
P CR008S	90mm	48
P CR009S	110mm	25
P CR010S	125mm	20
P CR011S	160mm	14



EQUAL TEE		
CODE	SIZE	PCS (CTN/POUCH)
P TE001S	20mm	840
P TE002S	25mm	480
P TE003S	32mm	240
P TE004S	40mm	120
P TE005S	50mm	80
P TE006S	63mm	48
P TE007S	75mm	24
P TE008S	90mm	18
P TE009S	110mm	10
P TE010S	125mm	6
P TE011S	160mm	5



ELBOW 90°		
CODE	SIZE	PCS (CTN/POUCH)
P EN001S	20mm	1020
P EN002S	25mm	660
P EN003S	32mm	300
P EN004S	40mm	150
P EN005S	50mm	100
P EN006S	63mm	60
P EN007S	75mm	30
P EN008S	90mm	20
P EN009S	110mm	12
P EN010S	125mm	10
P EN011S	160mm	6



ELBOW 45°		
CODE	SIZE	PCS (CTN/POUCH)
P EF001S	20mm	1500
P EF002S	25mm	770
P EF003S	32mm	400
P EF004S	40mm	300
P EF005S	50mm	150
P EF006S	63mm	72
P EF007S	75mm	40
P EF008S	90mm	24
P EF009S	110mm	16
P EF010S	125mm	10
P EF011S	160mm	8



END CAP		
CODE	SIZE	PCS (CTN/POUCH)
P EC001S	20mm	2700
P EC002S	25mm	1500
P EC003S	32mm	800
P EC004S	40mm	525
P EC005S	50mm	270
P EC006S	63mm	150
P EC007S	75mm	100
P EC008S	90mm	60
P EC009S	110mm	35
P EC010S	125mm	25
P EC011S	160mm	20



REDUCER ELBOW		
CODE	SIZE	PCS (CTN/POUCH)
P RE001S	25/20mm	900
P RE002S	32/20mm	500
P RE003S	32/25mm	480
P RE004S	40/32mm	200
P RE005S	40/25mm	200
P RE006S	40/20mm	195
P RE007S	50/40mm	120
P RE008S	50/32mm	120
P RE009S	50/25mm	120

Prices are Per Metre for Pipe and Per Piece for Fittings



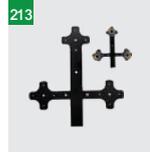
MALE THREAD COUPLER		
CODE	SIZE	PCS (CTN/POUCH)
PCM001S	20x1/2"	300
PCM002S	20x3/4"	200
PCM003S	25x1/2"	300
PCM004S	25x3/4"	200
PCM005S	32x1/2"	210
PCM006S	32x3/4"	210
PCM007S	32x1"	150
PCM007SA	40x1"	60
PCM008S	40x1-1/4"	60
PCM009S	50x1-1/2"	50
PCM010S	63x2"	40
PCM011S	75x2-1/2"	24
PCM012S	90x3"	12
PCM013S	110x4"	6



FEMALE THREAD COUPLER		
CODE	SIZE	PCS (CTN/POUCH)
PCF001S	20x1/2"	300
PCF002S	20x3/4"	240
PCF003S	25x1/2"	240
PCF004S	25x3/4"	240
PCF005S	32x1/2"	240
PCF006S	32x3/4"	200
PCF007S	32x1"	150
PCF007SA	40x1"	80
PCF008S	40x1-1/4"	80
PCF009S	50x1-1/2"	50
PCF010S	63x2"	40
PCF011S	75x2-1/2"	24
PCF012S	90x3"	14
PCF013S	110x4"	6



MALE THREAD ELBOW		
CODE	SIZE	PCS (CTN/POUCH)
PEM001S	20x1/2"	300
PEM002S	25x1/2"	240
PEM003S	25x3/4"	210
PEM004S	32x1/2"	120
PEM005S	32x3/4"	120
PEM006S	32x1"	100



TEMPLATE - ADJUSTABLE (WALL MIXER ELBOW)		
CODE	PCS (CTN/POUCH)	
PTE001	***	



FEMALE THREAD ELBOW		
CODE	SIZE	PCS (CTN/POUCH)
PET001S	20x1/2"	300
PET002S	25x1/2"	240
PET003S	25x3/4"	180
PET004S	32x1/2"	150
PET005S	32x3/4"	120
PET006S	32x1"	100
PET007S	40x1-1/4"	50
PET008S	50x1-1/2"	50



WALL PLATE MALE THREAD ELBOW		
CODE	SIZE	PCS (CTN/POUCH)
PWM001S	20x1/2"	240
PWM002S	25x1/2"	240



WALL PLATE FEMALE THREAD ELBOW		
CODE	SIZE	PCS (CTN/POUCH)
PWF001S	20x1/2"	240
PWF002S	25x1/2"	240



MALE THREAD TEE		
CODE	SIZE	PCS (CTN/POUCH)
PTM001S	20x1/2"	240
PTM002S	25x1/2"	160
PTM003S	25x3/4"	120
PTM004S	32x1/2"	150
PTM005S	32x3/4"	150
PTM006S	32x1"	70



FEMALE THREAD UNION		
CODE	SIZE	PCS (CTN/POUCH)
PUF001S	20mm	180
PUF002S	25mm	150
PUF003S	32mm	90
PUF004S	40mm	80
PUF005S	50mm	48
PUF006S	63mm	24



FEMALE THREAD TEE		
CODE	SIZE	PCS (CTN/POUCH)
PTF001S	20x1/2"	300
PTF002S	25x1/2"	200
PTF003S	25x3/4"	160
PTF004S	32x1/2"	120
PTF005S	32x3/4"	120
PTF006S	32x1"	80
PTF007S	40x1-1/4"	40



MALE THREAD UNION		
CODE	SIZE	PCS (CTN/POUCH)
PUM001S	20mm	180
PUM002S	25mm	150
PUM003S	32mm	90
PUM004S	40mm	80
PUM005S	50mm	48
PUM006S	63mm	24



REDUCER TEE		
CODE	SIZE	PCS (CTN/POUCH)
PTR001S	25/20/25mm	550
PTR002S	32/20/32mm	270
PTR003S	32/25/32mm	250
PTR004S	40/20/40mm	200
PTR005S	40/25/40mm	150
PTR006S	40/32/40mm	128
PTR007S	50/20/50mm	120
PTR008S	50/25/50mm	102
PTR009S	50/32/50mm	84
PTR010S	50/40/50mm	80
PTR011S	63/25/63mm	72
PTR012S	63/32/63mm	72
PTR013S	63/40/63mm	63
PTR014S	63/50/63mm	48
PTR015S	75/25/75mm	36
PTR016S	75/32/75mm	36
PTR017S	75/40/75mm	36
PTR018S	75/50/75mm	30
PTR019S	75/63/75mm	30
PTR020S	90/32/90mm	24
PTR021S	90/40/90mm	24
PTR022S	90/50/90mm	24
PTR023S	90/63/90mm	16
PTR024S	90/75/90mm	16
PTR025S	110/32/110mm	14
PTR026S	110/40/110mm	14
PTR027S	110/50/110mm	14
PTR028S	110/63/110mm	12
PTR029S	110/75/110mm	12
PTR030S	110/90/110mm	12
PTR031S	125/63/125mm	12
PTR032S	125/75/125mm	12
PTR033S	125/90/125mm	12
PTR034S	125/110/125mm	12
PTR035S	160/63/160mm	6
PTR036S	160/75/160mm	6
PTR037S	160/90/160mm	6
PTR038S	160/110/160mm	6
PTR039S	160/125/160mm	4



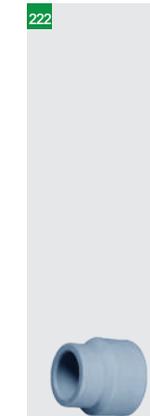
METAL UNION		
CODE	SIZE	PCS (CTN/POUCH)
PUN001S	20mm	180
PUN002S	25mm	150
PUN003S	32mm	90
PUN004S	40mm	80
PUN005S	50mm	48
PUN006S	63mm	25



PLASTIC UNION		
CODE	SIZE	PCS (CTN/POUCH)
PUP001S	20mm	600
PUP002S	25mm	300
PUP003S	32mm	250
PUP004S	40mm	144
PUP005S	50mm	70
PUP006S	63mm	40



FLANGE		
CODE	SIZE	PCS (CTN/POUCH)
PFL001S	32mm	104
PFL002S	40mm	75
PFL003S	50mm	60
PFL004S	63mm	60
PFL005S	75mm	46
PFL006S	90mm	40
PFL007S	110mm	36
PFL008S	125mm	20
PFL009S	160mm	15



REDUCER		
CODE	SIZE	PCS (CTN/POUCH)
PRR001S	25/20mm	1200
PRR002S	32/20mm	720
PRR003S	32/25mm	660
PRR004S	40/20mm	600
PRR005S	40/25mm	560
PRR006S	40/32mm	360
PRR007S	50/20mm	324
PRR008S	50/25mm	324
PRR009S	50/32mm	324
PRR010S	50/40mm	192
PRR011S	63/32mm	160
PRR012S	63/40mm	112
PRR013S	63/50mm	112
PRR014S	75/40mm	90
PRR015S	75/50mm	60
PRR016S	75/63mm	64
PRR017S	90/50mm	54
PRR018S	90/63mm	45
PRR019S	90/75mm	42
PRR020S	110/63mm	40
PRR021S	110/75mm	40
PRR022S	110/90mm	30
PRR023S	125/110mm	30
PRR024S	160/90mm	20
PRR025S	160/110mm	20
PRR026S	160/125mm	20



FLANGE CORE		
CODE	SIZE	PCS (CTN/POUCH)
PFC001S	32mm	570
PFC002S	40mm	360
PFC003S	50mm	300
PFC004S	63mm	200
PFC005S	75mm	120
PFC006S	90mm	84
PFC007S	110mm	60
PFC008S	125mm	25
PFC009S	160mm	22

Prices are Per Metre for Pipe and Per Piece for Fittings



FOUR WAY TEE/CROSS		
CODE	SIZE	PCS (CTN/POUCH)
PFT001S	20mm	550
PFT002S	25mm	360
PFT003S	32mm	180
PFT004S	40mm	90



STOP VALVE		
CODE	SIZE	PCS (CTN/POUCH)
PSV001S	20mm	120
PSV002S	25mm	80
PSV003S	32mm	60
PSV004S	40mm	42
PSV005S	50mm	50
PSV006S	63mm	20



CONCEALED STOP VALVE		
CODE	SIZE	PCS (CTN/POUCH)
PCS001S	20mm	28
PCS002S	25mm	28
PCS003S	32mm	28



CLAMP		
CODE	SIZE	PCS (CTN/POUCH)
PCL001S	20mm	2500
PCL002S	25mm	1960
PCL003S	32mm	1500
PCL004S	40mm	1000
PCL005S	50mm	700
PCL006S	63mm	500



WELD SADDLE (PLAIN)		
CODE	SIZE	PCS (CTN/POUCH)
PWP001S	40x20 mm	520
PWP002S	50x20 mm	520
PWP003S	63x32 mm	500
PWP004S	63x25 mm	500
PWP005S	75x32 mm	500
PWP006S	75x25 mm	500
PWP007S	90x32 mm	500
PWP008S	90x25 mm	500
PWP009S	110x32 mm	500
PWP010S	110x25 mm	500
PWP010SA	125x25 mm	500
PWP011S	125x32 mm	500
PWP012S	125x40mm	500
PWP012SA	125x50mm	300
PWP012SB	125x63mm	250
PWP012SC	125x75mm	200
PWP013S	160x25mm	500
PWP014S	160x32mm	500
PWP015S	160x40mm	500
PWP016S	160x50mm	300
PWP017S	160x63mm	250
PWP018S	160x75mm	200



WELD SADDLE (FEMALE THREAD)		
CODE	SIZE	PCS (CTN/POUCH)
PWF001S	40x1/2"	320
PWF002S	50x1/2"	320
PWF003S	63x1/2"	250
PWF004S	63x3/4"	250
PWF005S	75x1/2"	250
PWF006S	75x3/4"	250
PWF007S	90x1/2"	250
PWF008S	90x3/4"	250
PWF009S	110x1/2"	250
PWF010S	110x3/4"	250
PWF011S	125x1/2"	250
PWF012S	125x3/4"	250
PWF013S	160x1/2"	250
PWF014S	160x3/4"	250



CROSS OVER BEND		
CODE	SIZE	PCS (CTN/POUCH)
PCB001S	20mm	300
PCB002S	25mm	180
PCB003S	32mm	80



LONG PIPE PLUG		
CODE	SIZE	PCS (CTN/POUCH)
PLP001S	1/2"	900
PLP002S	3/4"	600



BYE - PASS BEND		
CODE	SIZE	PCS (CTN/POUCH)
PBB001S	20mm	300
PBB002S	25mm	180
PBB003S	32mm	80



PIPE PLUG		
CODE	SIZE	PCS (CTN/POUCH)
PPP001S	1/2"	3000
PPP002S	3/4"	2000
PPP003S	1"	1000



TANK NIPPLE		
CODE	SIZE	PCS (CTN/POUCH)
PTN001SA	25mm/3/4"	400
PTN001S	32mm/1"	300
PTN002S	40mm/1-1/4"	300
PTN003S	50mm/1 -1/2"	200
PTN004S	63mm/2"	100



Material ( Normal used for Hot water )	EUROAQUA PP-R PLUMBING TECHNOLOGY	Iron	Steel	Copper	Aluminium
Thermal Conductivity at 20°c in W/mk	0.1 to 0.24	45 to 60	45 to 60	300 to 400	200 to 250

## Types of PPR & PPR-CT Pipes

### 1. PPR Mono Layer

### 2. PPR Double Layer with strong black outer UV Stabilized

### 3. PPR-3L Advance Pro

Outer UV Treated PPR, Middle PPR & Inner Anti Microbial PPR Layer

### 4. Thermoking Pipe series

a) PPR FRP PPR Three layer with glass fiber reinforcement middle layer

b) PPR | FRP | PPR-FR Middle layer with glass fiber reinforcement and outer layer with fire retardant material

### 5. Fire Safe

PPR - FR Red in colour can be used for fire safety piping

### 6. PPR - Pipes Colours

All these pipes are available in

**EUROAQUA** - Green colour

**AIRGUARD** - Blue colour and also in all PPR-CT ranges



## Fields of Applications

- ◆ Industrial systems like conveying compressed air pressure, aggressive fluids like acid and alkaline solutions, effluent, sewage disposal and leak proof joints
- ◆ Water purifying / Pharmaceutical plants for clean water
- ◆ Chilled water circuit for refrigeration units and chillers
- ◆ Lines for conveying liquid food products - Food Grade
- ◆ Hot and Cold Water Supplying pipes (-10°c to +99°c)
- ◆ Potable water pipe networks for cold and hot water installations i.e., in residential buildings, hospitals, hotels, office and school buildings etc
- ◆ Radiator heating pipes, Room heating system, under floor heating pipes
- ◆ Pipe networks for rainwater utilization systems
- ◆ Pipe for Agriculture use & Horticulture use



Ø40mm to Ø315mm

## PPR - Weld-in Saddle

EUROAQUA / AIRGUARD PPR Weld in Saddle is the innovative and easy method for industrial installations. This will decrease our expenses and gives better look to the installation as well. This is to avoid use of many Reducers / Tees and cost saving also give better appearance to the installation. The pipe sizes available with us are between 40mm to 315mm. We are the first company in India, Introduced this technology in year 2011.

Drill with Proper Diameter and Make Correct ID Hole



Fuse weld-in saddle with Pipe permanently



Heat up the Weld-in Saddle and ID of the pipe with proper Dies



Weld-in Saddles available from 40mm to 315mm sizes



### Advantages of Weld - in Saddle

- ◆ Easy & Good Installation
- ◆ Cost & time Savings
- ◆ Good line appearance

### Uses of Weld - in Saddle

- ◆ Substitution for reducing tees
- ◆ Making branches in main line and risers
- ◆ Sensor fixers like temperature and pressure gauge etc

### Insulation for Chilling Water



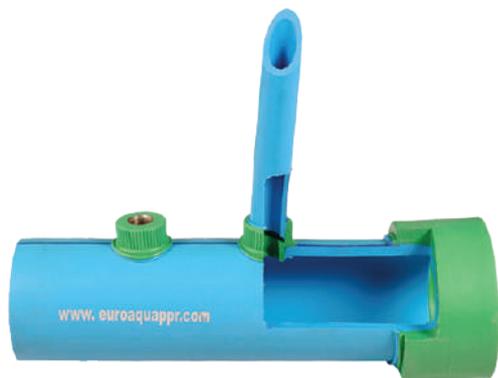
Metal Pipe



PPR-C Pipes  
( Less Insulation Thickness )

### Thermoking PPR-FR Composite Pipes

**EUROAQUA / AIRGUARD THERMOKING PPR - FRP Composite Pipes** are specially designed for various industrial needs. It is basically with innovative composite technology of plastic with extremely low thermal coefficient fibre reinforcement. It will control the linear thermal expansion to about 70% so that PPR pipe line sagging is controlled.



### Advantages

- ◆ Low thermal conductivity. It requires very thin insulation or no insulation when using chilled water & hot water/chemical applications.
- ◆ High resistance to corrosion, acids & chlorides.
- ◆ Very good chemical resistance
- ◆ High heat stability
- ◆ High impact strength
- ◆ High Environmental Stress Cracking Ratio (ESCR)
- ◆ Very good welding property which ensure leak proof joints, energy savings
- ◆ Smooth inner surface, less friction, no noise
- ◆ Thermal expansion is controlled by 70%, line sagging is controlled
- ◆ Hygienic and Non-Toxic Food Grade

### Applications

- ◆ Compressed air lines for Hot and Cold air
- ◆ Chilled water application & air conditioning
- ◆ Transportation of chemicals & aggressive fluids
- ◆ Effluent treatment plants (ETP)
- ◆ Ship buildings and swimming pools
- ◆ Pharmaceuticals, food grade applications
- ◆ Solar heaters, under floor heating
- ◆ Vacuum Pipelines
- ◆ R.O. Water Pipeline.

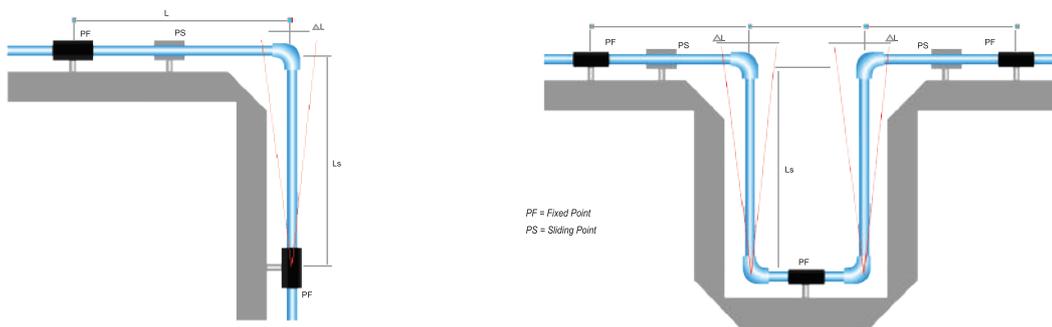


### Support Intervals

Pipe Diameter (m/m)													
	20	25	32	40	50	63	75	90	110	160	200	250	315
Temp°C	Support Intervals (cm)												
0	120	140	160	180	205	230	245	260	290	340	370	400	440
20	90	105	120	135	155	175	185	195	215	270	300	340	375
30	90	105	120	135	155	175	185	195	210	255	285	310	340
40	85	95	110	125	145	165	175	185	200	245	280	300	320
50	85	95	110	125	145	165	175	185	190	205	240	270	300
60	80	90	105	120	135	155	165	175	180	195	220	250	280
70	70	80	95	110	130	145	155	165	170	185	210	240	270

**Linear Expansion**

The following schemes demonstrate some important cases:



Linear expansion depends on the temperature variation the pipes are exposed to. Cold water pipes have low linear expansion and hence can be neglected. But in case of hot water and heating installations, the linear expansion must be considered and the installations must be planned and performed accordingly.

**Calculation of Linear Expansion**

**Calculation Example : Linear Expansion**

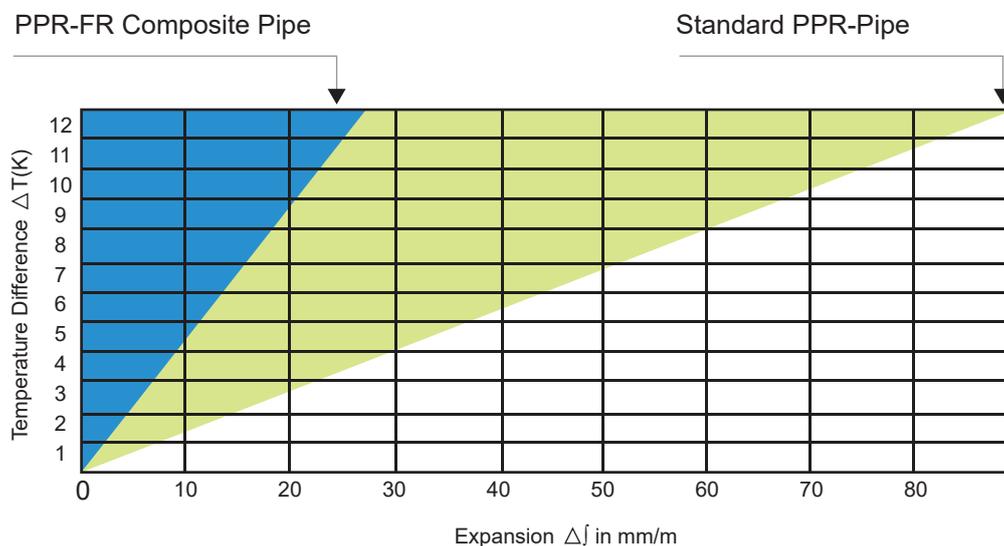
Symbol	Meaning	Value	Measuring unit
$\Delta$	Linear Expansion	?	mm
$\alpha_1$	Coefficient of Linear expansion Euroaqua PPR stable composite pipe	0.03	mm/mk
$\alpha_2$	Coefficient of Linear expansion Euroaquappr Faster composite pipe	0.035	mm/mk
$\alpha_2$	Linear expansion coefficient	0.15	mm/mk
L	Pipe length	25	m
$T_w$	Working temperature	60	°C
$T_M$	Installation temperature	20	°C
$\Delta T$	Temperature Difference between working and installation temperature ( $\Delta T = T_w - T_M$ )	40	K

The Linear expansion  $\Delta l$  is calculated according to the following formula:  $\Delta l = \alpha \times L \times \Delta T$

Material : EUROAQUA® - PPR - FRP Composite Pipe (  $\alpha = 0.03\text{mm/mk}$  )

$\Delta l = 0.03 \text{ mm/mk} \times 25.0 \text{ m} \times 40\text{k}$        $\Delta l = 30.0\text{mm}$

**Length expansion comparison : Faster Composite - to Standard PPR-Pipe**



**Permissible Working Pressure**

Temp °c	Service Life	EUROAQUA & AIRGUARD			EUROAQUA & AIRGUARD		
		PPR	PPR	PPR	THERMOKING		
		SDR 11	SDR 7.4	SDR 6	PPR-FR	PPR-FR	
		PN 10	PN 16	PN 20	SDR-11	SDR-7.4	
0°c	1	35	37.2	47	27.8	43.2	
	5	22.3	35.5	45.5	26.2	40.7	
	10	21.3	34.2	43.6	26.6	39.7	
	25	20.0	33.7	42.5	24.7	38.3	
	50	19.6	32.2	41.8	24.1	37.4	
	100	19.6	31.3	40.4	23.5	36.4	
10°c	1	21.1	33.4	42.0	25.7	39.5	
	5	20.0	31.6	39.8	24.2	37.5	
	10	19.3	30.6	38.5	23.6	36.6	
	25	18.7	29.6	37.3	22.8	35.3	
	50	18.2	28.8	36.3	22.2	34.4	
	100	17.7	28.1	35.4	21.6	33.5	
20°c	1	18.0	28.6	36.0	23.8	36.8	
	5	16.9	26.8	33.8	22.3	34.6	
	10	16.4	26.1	32.8	21.7	33.7	
	25	16.0	25.3	31.8	21	32.5	
	50	15.5	24.5	30.9	20.4	31.7	
	100	15.0	23.8	29.9	19.9	30.9	
30°c	1	15.3	24.3	30.6	20.2	31.3	
	5	14.4	22.8	28.7	18.9	29.4	
	10	13.9	22.0	27.7	18.4	28.6	
	25	13.3	21.3	26.8	17.8	27.5	
	50	13.1	20.7	25.1	17.3	26.8	
	100	12.8	20.2	25.5	16.8	26	
40°c	1	12.9	20.5	25.8	17.1	26.6	
	5	12.1	19.2	24.2	16	24.9	
	10	11.8	18.7	23.6	15.6	24.1	
	25	11.3	18.0	22.6	15	23.2	
	50	11.0	17.5	22.0	14.8	22.6	
	100	10.7	16.2	21.3	14.1	21.9	
50°c	1	11.0	17.5	22.0	14.5	22.5	
	5	10.2	16.2	20.4	13.5	21	
	10	9.9	15.7	19.7	13.1	20.4	
	25	9.6	15.2	19.1	12.6	19.6	
	50	9.3	14.7	18.5	12.2	19	
	100	8.9	14.2	17.8	11.9	18.4	
60°c	1	9.3	14.7	18.5	12.2	a	
	5	8.0	13.7	17.2	11.4	17.7	
	10	8.3	13.2	16.6	11	17.1	
	25	8.0	12.6	15.9	10.6	16.4	
	50	7.7	12.1	15.3	10.3	15.9	
	70°c	1	7.8	12.4	15.6	10.3	16
5		7.2	11.4	14.3	9.6	14.8	
10		7.0	11.1	14.0	9.2	14.3	
25		6.1	9.6	12.1	8	12.5	
50		5.1	8.1	10.2	9.2	10.5	
80°c		1	6.5	10.4	13.1	8.6	13.4
	5	5.7	9.1	11.5	7.7	11.9	
	10	4.8	7.6	9.6	6.5	10	
	25	3.8	6.1	7.6	5.2	8	
	90°c	1	5.4	9.3	10.8	7.2	11.2
		5	4.9	8.0	10	5.1	7.8
10		6.5	6.5	8.5	4.3	6.6	
95°c		1	4.0	7.3	9.2	5.2	9.5
		5	3.0	4.8	6.1	4.5	6.6
		10	2.6	4.0	5.1	3.9	5.8

SDR = Standard Diameter Ratio =  $\frac{\text{Outside Dia (OD)}}{\text{Wall Thickness}}$

PN = Normal Pressure

$S = \frac{SDR - 1}{2}$  ( S = Pipe Index as per ISO:4065)



**Standard for Pipe Fittings**

STANDARDS	FIELDS
DIN 1998	Drinking water line installation.
DIN 2999	Whitworth pipe threads for tubes and fittings.
DIN 4109	Sound insulation in building constructions.
DIN 8077	Polypropylene (pp)pipes dimensions.
DIN 8078	Polypropylene (pp)pipes general quality requirements and testing.
DIN 16962	Polypropylene (pp)pipes Fittings.
DIN 16928	Pipe connections and components - pipes of thermoplastic materials, pipe joints,elemnt for pipe,laying, general directions.
DIN 16928 (6-9)	Pipe joints and elements for polypropylene (pp) pressure pipelines, types 1 and 2; injection molded elbows for socket - welding, dimension.
DIN 16925.5	Pipe joints and elements for polypropylene (pp) for pipes under, - part 5; General quality
DIN 2207.11	Welding regulations for plastic pipes.
DIN 2203	Test of thermoplastic pipe fitting for weld.
DIN 2208.1	Machines and devices for welding thermoplastic pipes.
EN ISO 15874 (1-7)	Plastic piping systems for hot and cold water installations polypropylene(pp).
IS 15801 : 2008/BIS	BUREAU OF INDIAN STANDARDS - ISI

**Testing & Quality Control**



**PPR vs Other Products**

PROPERTIES	PP-R / PE-RT	GI	COPPER	PE	CPVC	ALUMINIUM
Service Life ( Years )	50 Years Plus	2-5 Years	10-25 Years	20-30 Years	20-30 Years	20-30 Years
Temperature Resistance	Very Good	Excellenet	Excellenet	Good	Good	Poor
Food Grade	Excellent, Hygienic	Non-Hygienic	Non-Hygienic	Good	Non-Hygienic	Non-Hygienic
Heat Loss	Negligible - Very	Very High	Very High	Moderate	Moderate	High
Chemical Resistance	Excellent	Very Weak	Weak	Good	Good	Weak
Maximum Safe Working Temp°c	100	High	High	80	80	High
Easiness in Repair / Maintenance	Easy/Nil	Huge Cost	Huge Cost	Expensive	Expensive	Very Expensive
Corrosion / Abrasion Resistance	Excellent	Very Low	Very Low	Good	Moderate	Good
Friction Factor	Very Low	High	High	Low	Low	Moderate
Reliability	Very Good	Poor	Ok/Expensive	Average	Average	Moderate
Joint Reliability/Leak Proof (Maximum:100, Minimum: 0)	100	0-50	0-50	0-80	0-80	0-50
Jointing Method	Simple Heat Fusion	Conventional	Conventional	Butt Fusion	Special Solvent Chemical	O-Ring
Jointing Skill	Very Simple & even unskilled labour can do this job easily	Need Skilled Labour	Need Skilled Labour	Need Skilled Labour	Need Special Attention & Skilled Labour	Need Special Attention & Skilled Labour
Jointing Time	Few Seconds	Few Hrs	Few Hrs	Few Minutes	Few Minutes	Few Minutes
Jointing Life Commissioning	Immediate	24 Hours	24 Hours	Few Hours	24 Hours	Immediate
Easiness in Fittings	Very Easy	Difficult	Difficult	Easy	Easy	Ok
Laying (Easiest = 100 & Hardest=0)	100	0-50	0-50	0-80	0-80	0-50
Electrical Conductivity	Nil	More	More	Nil	Nil	More

\* PE-RT Very Good UV Stability

## Indoor Hot &amp; Cold Water Plumbing Pipe &amp; Fittings Pipe Selection Chart

The Table lists the permissible working pressure for pipes with different pressure class under specific temperature and work life. Under normal work pressure and condition, the life of EUROAQUA PPR - Pipe system can reach 50 years at least.

Temp °c	PN10 / SDR 11		PN16 / SDR 7.4		PN20 / SDR 6		PN25 / SDR 5	
	Mpa	Kg/cm <sup>2</sup>	Mpa	Kg/cm <sup>2</sup>	Mpa	Kg/cm <sup>2</sup>	Mpa	Kg/cm <sup>2</sup>
10	1.91	19.10	3.02	30.20	3.80	38.00	4.78	47.80
20	1.63	16.30	2.58	25.80	3.24	32.00	4.09	40.90
30	1.37	13.70	2.17	21.70	2.73	27.30	3.44	34.40
40	1.15	11.50	1.84	18.40	2.30	23.00	2.90	29.00
50	0.98	9.80	1.55	15.50	1.95	19.50	2.46	24.60
60	0.82	8.20	1.28	12.80	1.62	16.20	2.04	20.40
70	0.62	6.20	0.98	9.80	1.23	12.30	1.55	15.50
80	0.39	3.90	0.65	6.50	0.77	7.70	0.98	9.80
95	0.27	2.70	0.41	4.10	0.52	5.20	0.65	6.50

## WATER CONTENT &amp; WEIGHT / MTR DETAIL

PPR	PN10 / SDR 11 / S5		PN16 / SDR 7.4 / S3.2		PN20 / SDR 6 / S2.5	
	Lit/m	Kg/mtr	Lit/m	Kg/mtr	Lit/m	Kg/mtr
20mm	0.21	0.107	0.16	0.148	0.14	0.172
25mm	0.32	0.164	0.25	0.23	0.22	0.266
32mm	0.53	0.261	0.43	0.37	0.35	0.434
40mm	0.83	0.412	0.65	0.575	0.56	0.671
50mm	1.31	0.638	1.03	0.896	0.87	1.04
63mm	2.08	1.01	1.65	1.41	1.38	1.65
75mm	2.96	1.41	2.33	2.01	1.96	2.36
90mm	4.24	2.03	3.35	2.87	2.83	3.36
110mm	6.33	3.01	5.11	4.3	4.23	5.01
125mm	10.1	3.9	9.1	5.53	8.3	6.47
160mm	13.45	6.38	10.61	9	13.3	10.6
200mm	16.3	9.95	14.5	14.1	-	-
250mm	20.3	15.5	18.1	22.1	-	-
315mm	25.7	24.6	-	-	-	-

## FUSION WELDING DATA

Dimension mm	Welding Depth mm	Heating Time Sec	Welding Time Sec	Cooling Time Min
20	14	5	4	3
25	15	7	4	3
32	17	9	6	5
40	18	13	6	5
50	20	19	6	5
63	25	26	9	7
75	27	32	9	8
90	30	42	9	9
110	34	54	10	9
160	42	65	12	140
200	Butt Fusion			
250	Butt Fusion			
315	Butt Fusion			

## THERMAL CONDUCTIVITY

Material	( W/m k )
PPR/PE-RT	0.24
HDPE	0.5
Concrete	1.5
Steel / Gi	50
Copper	390
Aluminum	220

## ENERGY / HEAT LOSS %

Material	( W/m k )
PPR/PE-RT	1
HDPE	2.1
Concrete	6.3
Steel / Gi	200
Copper	1600
Aluminum	900

## Manufacturers Best Report of PPR Raw Material

## Physical Properties

Property	Typical Value	Test Method
Density	905kg/m <sup>3</sup>	ISO 1183
Melt Flow Rate(230°C / 2.16kg)	0.26g/10min	ISO 1133
Flexural Modulus (2mm/min)	850Mpa	ISO 178
Tensile Modulus (1mm/min)	800Mpa	ISO 527
Tensile Strain at Yield (50mm/min)	13.5%	ISO 527-2
Tensile Stress at Yield (50mm/min)	25MPa	ISO 527-2
Thermal Conductivity	0.24W/(m K)	DIN 53612
Coefficient of Thermal Expansion (0°C/70°C)	1.8*10E-4/K	DIN 53752
Charpy Impact Strength, notched(23°C)	60 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Impact Strength, notched(0°C)	6.0kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Impact Strength, unnotched(23°C)	No Break	ISO 179/1eU
Charpy Impact Strength, unnotched(0°C)	No Break	ISO 179/1eU

## DETERMINATION OF THE LONG-TERM HYDROSTATIC STRENGTH

ISC1980:2003-evaluation of Hostalen. WW H5416 K from LyondellBasell Industries

The ISO 9080-evaluation of the pipe grade gives the following strength values at 20, 70 °C and 50 years ;

T	Time	LPL	LTHS
20°C	50 yrs	11.38 Mpa	12.72 Mpa
70°C	50 yrs	3.21 Mpa	3.57 Mpa

By its LPL value of 11.38 Mpa at 20°C and 50 years the PPR pipe grade hostalen PP H5416 K from LyondellBasell Industries. Has a minimum required strength (MRS) of 11.2 Mpa and is thereby designated PPR 112 according to ISO 12162:2009. - **Thanks to LYONDELL BASELL, GERMANY**

## Control Point testing according to DIN 8078 of Topilene R 200P from Hyosung Corporation. (KOREA)

A summary of the requirements for PPR pipes and the results obtained are given in the table below:

Characteristic	Requirement (DIN from 1996-04)	Result
Creep Strength	20°C 16.0 Mpa 21h	>1 h Pass
	95°C 3.5 Mpa 1000h	>1000h Pass
	110°C 1.9 Mpa 8760h	>8760h Pass

The test data obtained for the Topilene R200P pipes are in conformity with the requirements regarding creep strength according to DIN 8078:1996-04,

- **Thanks to HYOSUNG CORPORATION, KOREA**

## Resistance to internal pressure of PPR RA 150E

Summary of the resistance to internal pressure according to ISO 15874-2:2013 and DIN 8078:2008 are presented below.

Characteristic	Method	Requirement	Result	Pass/Fail
Resistance to internal pressure of RA 150E	ISO 1167:2006	20°C, 16 MPa, 1h	52h	Pass
		95°C, 4.3 MPa, 22h	4834h	Pass
		95°C, 3.8 MPa, 165h	>9000h	Pass
		95°C, 3.5 MPa, 1000h	>9000h	Pass
Thermal stability by hydrostatic pressure testing at 110°C, 1.9 MPa	ISO 1167:2006	>8760h	>11900h	Pass
MRS Classification	ISO 9080:2012 ISO 12162:2009	-	PP-R 11.2 MPa	Pass

**Minimum Required Strength (MRS)** 11.2MPa

**Categorised Required Strength (CRS)** 3.8MPa (70°C, 50 years)

**Standards Compliance** DIN 8077, DIN 8078, EN ISO 15874

- **Thanks to BOROUGE PTE LTD. (U.A.E)**

**Chemical Resistance**

**Rating System**

This chart rates the chemical resistance of EUROAQUA & AIRGUARD according to the following code:

Note: The user is advised to make his or her own tests to determine the suitability of polypropylene in the particular environment.

**A = Negligible effect - Can be used**

Should be suitable for all applications where these environmental conditions exist.

**B = Limited absorption or attack**

Should be suitable for most applications, but the user is advised to make his or her own tests to determine the suitability of Polypropylene in the particular environment.

**C = Extensive absorption and/ or rapid permeation**

Should be suitable for applications where only intermittent service is involved, or where the swelling produced has no detrimental effect on the part. The user should make his or her own tests to determine the suitability of Polypropylene in the particular environment.

**D = Extensive attack**

The specimen dissolves or disintegrates. environment. Polypropylene is not recommended.

Environment	Conc. %	TEMP °C		
		20°	60°	100°
Acetic acid (glacial)	97	A	B	-
			(80°C)	
Acetic acid	50	A	A	-
			(80°C)	
Acetic acid	40	A	-	-
Acetic acid	10	A	A	-
Acetone	100	A	A	-
Acetophenone	100	B	B	-
Acriflavine	2	A	A	-
(2% solution in H <sub>2</sub> O)				(80°C)
Acrylic emulsions		A	A	-
Aluminium chloride		A	A	-
Aluminium fluoride		A	A	-
Aluminium sulfate		A	A	-
Alums (all types)		A	A	-
Ammonia (aqueous)	30	A	-	-
Ammonia gas (dry)		A	A	-
Ammonium carbonate	Satd.	A	A	-
Ammonium chloride	Satd.	A	A	-
Ammonium fluoride	20	A	A	-
Ammonium hydroxide	10	A	A	-
Ammonium metaphosphate	Satd.	A	A	-
Ammonium nitrate	Satd.	A	A	-
Ammonium persulfate	Satd.	A	A	-
Ammonium sulfate	Satd.	A	A	-
Ammonium sulfide	Satd.	A	A	-
Ammonium thiocyanate	Satd.	A	A	-
Amyl acetate	100	B	C	-
Amyl alcohol	100	A	B	-
Amyl chloride	100	C	C	-
Aniline	100	A	A	-
Anisole	100	B	B	-
Antimony chloride		A	A	-
Aviation fuel (115/145 octane)	100	B	C	-
Aviation turbine fuel	100	B	C	-
Barium carbonate	Satd.	A	A	-
Barium chloride	Satd.	A	A	-
Barium hydroxide		A	A	-
Barium sulfate	Satd.	A	A	-
Barium sulfide	Satd.	A	A	-
Beer		A	A	-
Benzene	100	B	C	C
Benzoic acid	A	A	-	-
Benzyl alcohol		A	A	-
			(80°C)	
Bismuth carbonate	Satd.	A	A	-
Borax		A		-
Boric acid		A		-

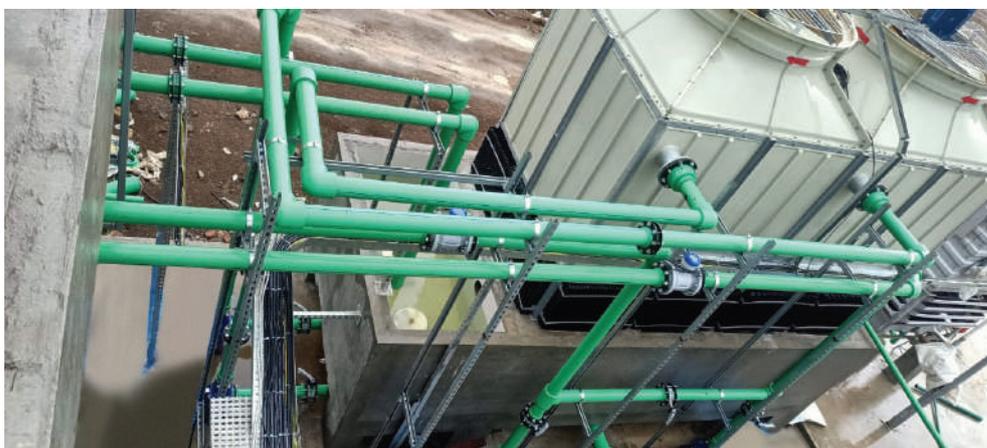
Environment	Conc. %	TEMP °C		
		20°	60°	100°
Brine	Satd.	A	A	-
Bromine liquid	100	D	-	-
Bromine water	(a)	C	-	-
Butyl acetate	100	C	C	-
Butyl alcohol	100	A	A	-
Calcium carbonate	Satd.	A	A	-
Calcium chlorate	Satd.	A	A	-
Calcium chloride	50	A	A	-
Calcium hydroxide		A	A	-
Calcium hypochlorite bleach	20(a)	A	B	-
Calcium nitrate		A	A	-
Calcium phosphate	50	A	-	-
Calcium sulfate		A	A	-
Calcium sulfite		A	A	-
Carbon dioxide (dry)		A	A	-
Carbon dioxide (wet)		A	A	-
Carbon disulfide	100	B	C	-
Carbon monoxide		A	A	-
Carbon tetrachloride	100	C	C	C
Carbonic acid		A	A	-
Castor oil		A	-	-
Cetyl alcohol	100	A	-	-
Chlorine (gas)	100	D	D	-
Chlorobenzene	100	C	C	-
Chloroform	100	C	D	D
Chlorosulfonic acid	100	D	D	D
Chrome alum		A	A	-
Chromic acid	80(a)	A	-	-
Chromic acid	50(a)	A	A	-
Chromic acid	10(a)	A	A	-
Chromic/sulfuric acid		D	D	-
Cider		A	A	-
Citric acid	10	A	A	-
Cooper chloride	Satd.	A	A	-
Copper cyanide	Satd.	A	A	-
Copper fluoride	Satd.	A	A	-
Copper nitrate	Satd.	A	A	-
Copper sulfate	Satd.	A	A	-
Cottonseed oil		A	A	-
Cuprous chloride.	Satd.	A	A	-
Cyclohexanol	100	A	B	-
Cyclohexanone	100	B	C	-
Decalin	100	C	C	C
Detergents	2	A	A	A
Developers (photographic)		A	A	-
Dibutyl phthalate	100	A	B	D
Dichloroethylene	100	A	-	-
Diethanolamine	100	A	A	-

Environment	Conc. %	TEMP °C		
		20°	60°	100°
Diisooctyl phthalate	100	A	A	-
Emulsifiers		A	A	-
Ethanolamine	100	A	A	-
Ethyl acetate	100	B	B	-
Ethyl alcohol	96	A	A	-
			(80°C)	-
Ethyl chloride	100	B	C	-
Ethylene dichloride	100	B	-	-
Ethylene glycol		A	A	-
Ethylene oxide	100	B	-	-
		(10°C)		-
Ethyl ether	100	B	-	-
Fatty acids (C6)	100	A	A	-
Ferric chloride	Satd.	A	A	-
Ferric nitrate	Satd.	A	A	-
Ferric sulfate	Satd.	A	A	-
Ferrous chloride	Satd.	A	A	-
Ferrous sulfate	Satd.	A	A	-
Fluorosilicic acid		A	A	-
Formaldehyde	40	A	A	-
Formic acid	100	A	-	-
Formic acid	10	A	A	-
Fructose		A	A	-
Fruit juices		A	A	-
Furfural	100	C	C	-
Gas liquor		C	-	-
Gasoline	100	B	C	C
Gearbox oil	100	A	B	-
Gelatin		A	A	-
Glucose	20	A	A	-
Glycerin	100	A	A	A
Glycol		A	A	-
Hexane	100	A	B	-
Hydrobromic acid	50(a)	A	A	-
Hydrochloric acid	30(a)	A	B	D
Hydrochloric acid	20	A	A	-
			(80°C)	
Hydrochloric acid	10	A	A	B
			(80°C)	
Hydrochloric acid	2	A	A	A
50-50 HCL-HNO3	(a)	B	D	-
			(80°C)	
Hydrofluoric acid	40	A	-	-
Hydrofluoric acid	60(a)	A	A	-
			(40°C)	
Hydrogen chloride gas ( dry)	100	A	A	-
Hydrogen peroxide	30	A	-	D
Hydrogen peroxide	10	A	B	-
Hydrogen peroxide	3	A	-	-
Hydrogen sulfied		A	A	-
Hydroquinone		A	A	-
Inks		A	A	-
Iodine tincture		A	-	-
Isoctane	100	C	C	-
Isopropyl alcohol	100	A	A	-
Ketones		A	-	-
Lactic acid	20	A	A	-
Lanolin	100	A	A	-
Lead acetate	Satd.	A	A	-
Linseed oil	100	A	A	-
Lubricating oil	100	A	B	-
Magenta dye	2	A	A	-
(aqueous solution)			Some	
			Staining	
Magnesium carbonate	Satd.	A	A	-
Magnesium chloride	Satd.	A	A	-
Magnesium hydroxide	Satd.	A	A	-
Magnesium nitrate	Satd.	A	A	-
Magnesium sulfate	Satd.	A	A	-
Magnesium sulfite	Satd.	A	A	-

Environment	Conc. %	TEMP °C		
		20°	60°	100°
Meat juices		A	A	-
Mercuric chloride	40	A	A	-
Mercuric cyanide	Satd.	A	A	-
Mercurous nitrate	Satd.	A	A	-
Mercury	100	A	A	-
Methyl alcohol	100	A	A	-
Methylene chloride	100	A	-	-
Methyl ethyl ketone	100	A	B	-
Milk and its products		A	A	A
Mineral oil	100	A	B	-
Molasses		A	A	-
Motor oil	100	A	B	-
Naphthalene	100	A	A	A
Nickel chloride	Satd.	A	A	-
Nickel nitrate	Satd.	A	A	-
Nickel sulfate	Satd.	A	A	-
Nitric acid	fuming	D	D	D
Nitric acid	70(a)	C	D	-
Nitric acid	60	A	D	-
			(80°C)	
Nitric acid	10		A	
50-50 HNO3HCl	(a)	B	D	
			(80°C)	
50-50 HNO3-H2S04	(a)	C	D	
			(80°C)	
Nitrobenzene	100	A	A	
Oleic acid		A	B	
Oleum		-	-	
Olive oil	100	A	A	
Oxalic acid (aqueous)	50	A	B	
Paraffin	100	A	B	
Paraffin wax	100	A	A	
Petrol	100	B	C	
Petroleum ether	100	C	C	
(boiling point 100 - 140 C)				
Phenol	100	A	A	
Phosphoric acid	95	A	A	
Plating solutions, brass		A	A	
Plating solutions, cadmium		A	A	
Plating solutions, chromium		A	A	
Plating solutions, copper		A	A	
Plating solutions, gold		A	A	
Plating solutions, Indium		A	A	
Plating solutions, lead		A	A	
Plating solutions, nickel		A	A	
Plating solutions, rhodium		A	A	
Plating solutions, silver		A	A	
Plating solutions, tin		A	A	
Plating solutions, zinc		A	A	
Potassium bicarbonate	Satd.	A	A	
Potassium borate	1	A	A	
Potassium bromate	10	A	A	
Potassium bromide	Satd.	A	A	
Potassium carbonate	Satd.	A	A	
Potassium chlorate	Satd.	A	A	
Potassium chloride	Satd.	A	A	
Potassium chromate	40	A	A	
Potassium cyanide	Satd.	A	A	
Potassium dichromate	40	A	A	
Potassium ferri-/ferrocyanide		A	A	
Potassium fluoride		A	A	
Potassium hydroxide	50	A	A	
Potassium hydroxide	10	A	A	
Potassium nitrate	Satd.	A	A	
Potassium perborate	Satd.	A	A	
Potassium perchlorate	10	A	A	
Potassium permanganate	20	A	A	
Potassium sulfate		A	A	
Potassium sulfide		A	A	
Potassium sulfite		A	A	

Environment	Conc. %	TEMP °C		
		20°	60°	100°
Propyl alcohol	100	A	A	-
Pyridine	100	A	-	-
Silicone oil	100	A	A	-
Soap solution (concentrated)		A	A	-
Sodium acetate		A	A	-
Sodium bicarbonate	Satd.	A	A	-
Sodium bisulfate	Satd.	A	A	-
Sodium bisulfite	Satd.	A	A	-
Sodium borate		A	A	-
Sodium bromide oil solution		A	A	-
Sodium carbonate	Satd.	A	A	-
Sodium chlorate	Satd.	A	A	-
Sodium chloride	Satd.	A	A	A
Sodium chlorite	2	A	A(80°C)	-
Sodium chlorite	5	A(80°C)	A	-
Sodium chlorite	10	A(80°C)	A	-
Sodium chlorite	20	A(80°C)	A	-
Sodium cyanide	Satd.	A	A	-
Sodium dichromate	Satd.	A	A	-
Sodium ferricyanide	Satd.	A	A	-
Sodium ferrocyanide	Satd.	A	A	-
Sodium fluoride	Satd.	A	A	-
Sodium hydroxide	50	A	A	-
Sodium hydroxide	10	A	A	A
Sodium hypochlorite	20	A	B	B
Sodium nitrate		A	A	-
Sodium nitrite		A	A	-
Sodium silicate		A	A	-
Sodium sulfate	Satd.	A	A	-
Sodium sulfide	25	A	A	-
Sodium sulfite	Satd.	A	A	-
Stannic chloride	Satd.	A	A	-
Stannous chloride	Satd.	A	A	-
Starch		A	A	-

Environment	Conc. %	TEMP °C		
		20°	60°	100°
Sugars and syrups		A	A	-
Sulfamic acid		A	A(80°C)	-
Sulfates of Calcium & Magnesium		A	A	-
Sulfates of Potassium & Sodium		A	A	-
Sulfur		A	A	-
Sulfuric acid	98(a)	C	-	D
Sulfuric acid	60	A	B(80°C)	-
Sulfuric acid	50	A	B	-
Sulfuric acid	10	A	A	A
50-50 H2SO4/HNO3	(a)	C	D(80°C)	-
Tallow		A	A	-
Tannic acid	10	A	A	-
Tartaric acid		A	A	-
Tetrahydrofuran	100	C	C	C
Tetralin	100	C	C	C
Toluene	100	C	C	-
Transformer oil	100	A	C	-
Trichloroacetic acid	10	A	C	-
Trichloroethylene	100	A	A(80°C)	-
Turpentine	100	C	C	C
Urea		A	A	-
Urine		A	A	-
Water (distilled, soft, hard and vapour)		A	A	A
Wet chlorine gas		-	D(80°C)	-
Whiskey		A	A	A
White Paraffin	100	A	B(80°C)	-
White spirit	100	B	C	-
Wines		A	A	-
Xylene	100	C	C	C
Yeast		A	A	-
Zinc chloride	Satd.	A	A	-
Zinc oxide		A	A	-
Zinc sulfate	Satd.	A	A	-



# EUROAQUA PP-RCT PIPES



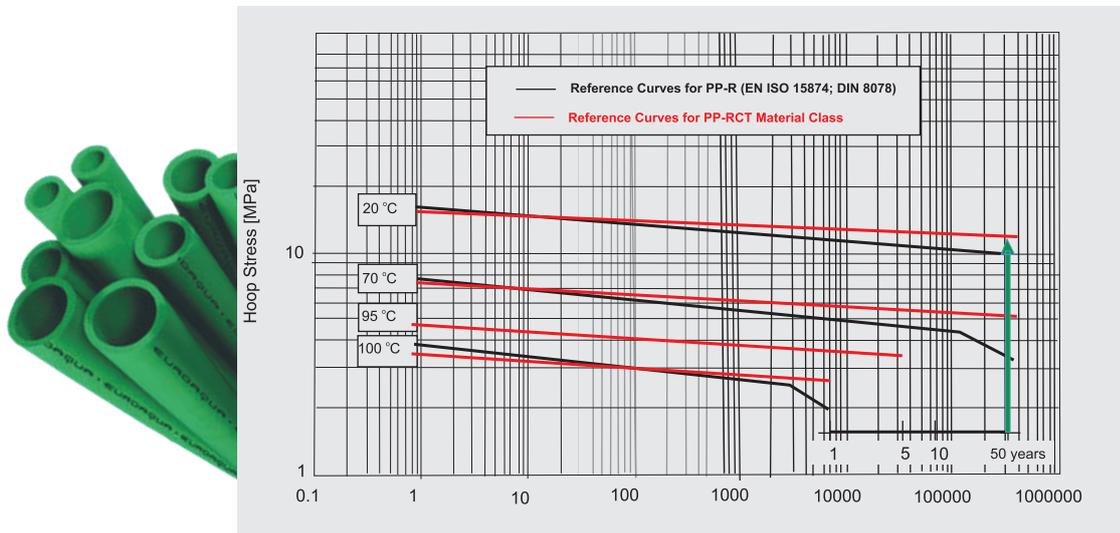
## About PP-RCT

We proudly announce that M/s EUROAQUA PLUMTEK PVT LTD is the Largest Manufacturer of PPR- Pipes & Fittings in the Brand Name of EUROAQUA & AIRGUARD. We have achieved one more milestone that First company in South Asia Launched PP-RCT (Polypropylene Random Crystalline Temperature) with virgin Raw Material from Austria.

When compare with Regular PPR — PIPES & FITTINGS PP-RCT has got unique Advantage of working at Highest working pressure with minimum wall thickness of the Pipe. By giving the biggest advantage of Cost Effectiveness and Pressure with standing capacity.

PP-RCT can be used for Transportation of Water with Highest Pressure and can be used for Construction Industry/ High Rise Buildings/ Industries for Pneumatic Application / Chemical Transportation / Food Industries / Textile Industries / Pharma Industries etc.

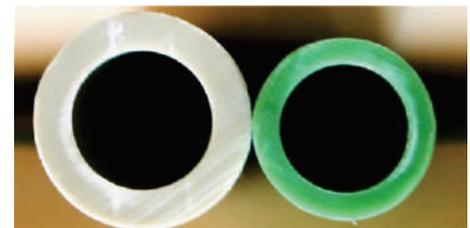
## Comparison of PPR and PP-RCT long term Hydrostatic Pressure Performance Curves



The long term performance of PP-RCT at higher temperature is superior compared to standard PPR material.

Based on Design Stress Values the comparison of PPR and PP-RCT is given below

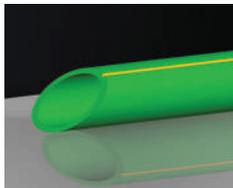
	Operating Pressure 8 bar (116 psi)		Operating Pressure 10 bar (116 psi)	
	PP-R	PP-RCT	PP-R	PP-RCT
Application class 1 60°C hot water supply	S 3.2 SDR 7.4	S 4 SDR 9	S 2.5 SDR 6	S 3.2 SDR 7.4
Application class 2 70°C hot water supply	S 2.5 SDR 6	S 4 SDR 9	S 2 SDR 5	S 3.2 SDR 7.4



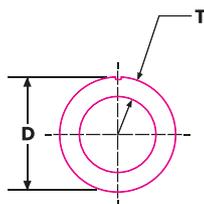


PP-RCT PIPES

PN 12.5 / SDR 14 / S 6.5

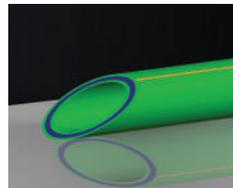


CODE	SIZE (DxT)	LENGTH/ BUNDLE
ECT406	63x4.40mm	10
ECT407	75x5.40mm	7
ECT408	90x6.40mm	5
ECT409	110x7.90mm	3
ECT410	125x8.9mm	2
ECT411	160x11.5mm	1

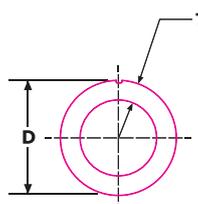


PP-RCT + FRP THERMOKING

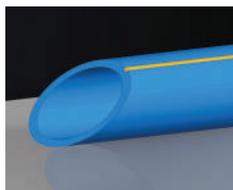
PN 12.5 / SDR 17.5 / S 8.25



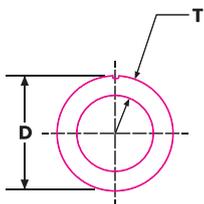
CODE	SIZE (DxT)	LENGTH/ BUNDLE
ECT406F	63x3.7mm	10
ECT407F	75x4.3mm	7
ECT408F	90x5.2mm	5
ECT409F	110x6.3mm	3
ECT410F	160x9.2mm	1
ECT411RF	125x7.2mm	2
ECT412RF	260x11.40mm	1
ECT413RF	250x14.20mm	1
ECT414RF	315x18mm	1



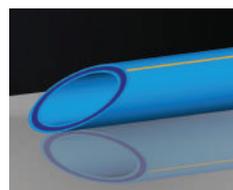
PN 16 / SDR 11 / S 5



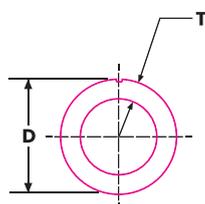
CODE	SIZE (DxT)	LENGTH/ BUNDLE
ERCT501	20x2.0mm	75
ERCT502	25x2.3mm	50
ERCT503	32x2.9mm	30
ERCT504	40x3.7mm	20
ERCT505	50x4.6mm	15
ERCT506	63x5.8mm	10
ERCT507	75x6.8mm	7
ERCT508	90x8.2mm	5
ERCT509	110x10.0mm	3
ERCT510	160x14.6mm	1



PN 16 / SDR 9 / S 4



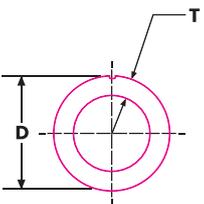
CODE	SIZE (DxT)	LENGTH/ BUNDLE
ECT504F	40x4.4mm	20
ECT505F	50x5.6mm	15
ECT506F	63x7.0mm	10
ECT507F	75x8.3mm	7
ECT508F	90x10mm	5
ECT509F	110x12.20mm	3
ECT510F	125x13.90mm	2
ECT511F	160x17.50mm	1



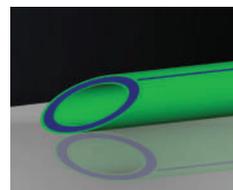
PN 20 / SDR 9 / S 4



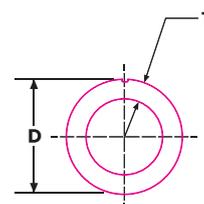
CODE	SIZE (DxT)	LENGTH/ BUNDLE
ERCT601	20x2.20mm	75
ERCT602	25x2.80mm	50
ERCT603	32x3.6mm	30
ERCT604	40x4.4mm	20
ERCT605	50x5.6mm	15
ERCT606	63x7.0mm	10
ERCT607	75x8.4mm	7
ERCT608	90x12.3mm	5
ERCT609	110x15.10mm	3



PN 20 / SDR 11 / S 5



CODE	SIZE (DxT)	LENGTH/ BUNDLE
ECT603F	32x2.9mm	30
ECT604F	40x3.7mm	20
ECT605F	50x4.60mm	15
ECT606F	63x5.8mm	10
ECT607F	75x6.8mm	7
ECT608F	90x8.2	5
ECT609F	110x10mm	3



Custom Made

Available Colours: GREEN BLUE BLACK WHITE RED

Another way of looking at the performance of a plastic pipe is to consider the permissible operating pressure for a given dimension at a specified temperature and service life. This is chosen in DIN 8077 which shows tables for the permissible operating pressures for PP pipes. A Comparison of the permissible operating pressures (including a safety factor of 1.5) for pipes of different dimensions made of PPR and PP-RCT is give below.

**Design Principles: Permissible Operation Pressures (Safety Factor = 1.5)**

Temp (°C)	Operating Time (Years)	S 2 SDR 5		S 2.5 SDR 6		S 3.2 SDR 7.4		S 4 SDR 9	
		PPR	PPR-CT	PPR	PPR-CT	PPR	PPR-CT	PPR	PPR-CT
20	10	34.5	39.8	27.4	31.6	21.7	25.1	17.2	19.9
	25	33.3	39.1	26.4	31.0	21.0	24.6	16.6	19.6
	50	32.4	38.5	25.7	30.6	20.4	24.3	16.2	19.3
40	10	24.7	29.5	19.6	23.4	15.5	18.6	12.3	14.7
	25	23.7	28.9	18.8	22.9	15.0	18.2	11.9	14.4
	50	23.1	28.4	18.3	22.6	14.5	17.9	11.5	14.2
60	10	17.5	21.2	13.9	16.8	11.0	13.4	8.7	10.6
	25	16.7	20.7	13.3	16.5	10.5	13.1	8.4	10.4
	50	16.2	20.4	12.9	16.2	10.2	12.8	8.1	10.2
70	10	14.6	17.8	11.6	14.1	9.2	11.2	7.3	8.9
	25	12.7	17.4	10.0	13.8	8.0	10.9	6.3	8.7
	50	10.7	17.0	8.5	13.5	6.7	10.7	5.3	8.5
80	10	10.2	14.8	8.1	11.7	6.4	9.3	5.1	7.4
	25	8.1	14.4	6.5	11.4	5.1	9.1	4.1	7.2

This again demonstrates the better performance of the new material class in that pipes made of PP-RCT which can withstand much higher operating pressures than pipes of the same dimension made PPR.

**Advantages and Main Features of EUROAQUA PP-RCT PIPES**

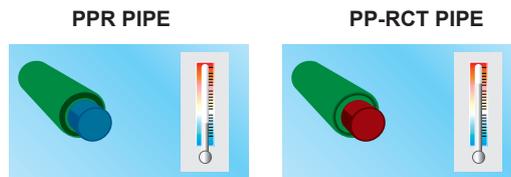
EUROAQUA PP-RCT Advanced Piping Technology is a New High Technology System of PP-RCT Pipes, that is suitable for liquid transportation, Chemical Lines, Compressed Air Lines & Systems using High Pressure.

**Higher Flow Rate**



- Reduced Wall Thickness leads a Higher Flow.
- Rate for Same and Higher Pressure Load.
- 37% Higher flow rate when compared to normal PP-R Pipes.

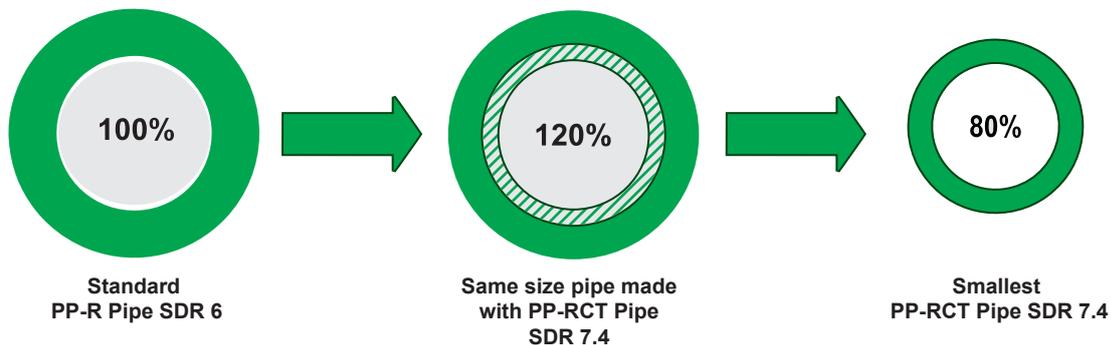
**Higher Stability**



- PP-RCT Pipes are Working in Maximum Temperature at Higher Pressure Resistance up to 95°C.

**Reduced Costs**

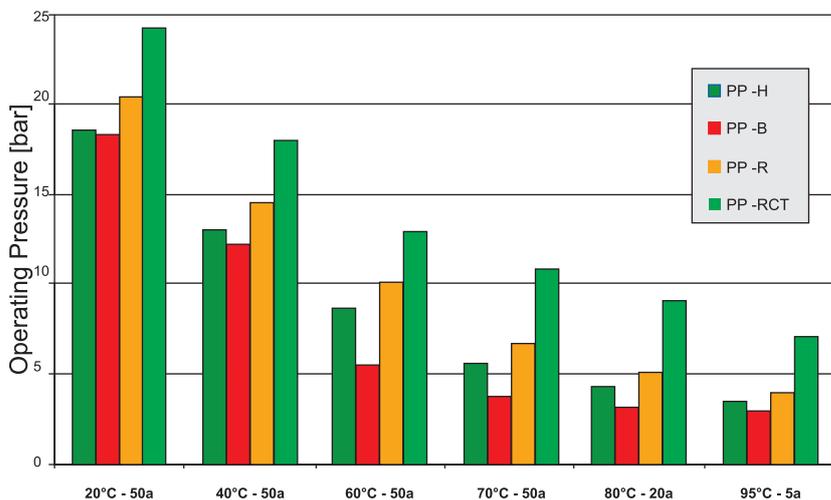
“Reduced Systems Cost” : Maintain water flow using a higher percentage of smaller sized pipes



- PP-RCT Pipes have 18% Reduced Wall Thickness when compared to PPR Pipes, this respectively increase the inside area of the pipe.
- So that we can replace a certain percentage of smaller size pipes with equivalent flow rates of larger Size of PP-R pipes.
- This will help us to Reduce Pipe System Costs, Pipe Insulation Costs & Labor Costs.
- Example: 75 mm SDR 6 PP-R Pipes can be Replaced with Ø63mm SDR 7.4 PP-RCT Pipes.

**Benefits of EUROAQUA PPR-CT Pipes**

- EUROAQUA PPR-CT Pipe offers higher Hydraulic capacity with lesser outer diameter or the same outer diameter.
- Our EUROAQUA PPR-CT Pipe System requires a higher percentage of smaller pipes in any kind of installation.
- Easy to install with the same welding technology used for PP-R Pipes.
- EUROAQUA PPR-CT Pipes reduce the cost and provide efficient plumbing lines.
- EUROAQUA PPR-CT Pipes are easy to exchange with the existing PP-R Pipe lines.
- EUROAQUA PPR-CT Pipes will perform best with High temperature radiators at high temperatures



Test Report & Certificates



WRAS CERTIFICATE



FOOD GRADE CERTIFICATE



PPR CIPET CERTIFICATE



NSF CERTIFICATE



PP-RCT CIPET CERTIFICATE



AIR & WATER POLLUTION CERTIFICATE



Fire Retardant Certificate



PPR BIS CERTIFICATE



ROUGHNESS CERTIFICATE



PPR PRODUCT APPROVAL MILITARY ENGINEER SERVICES CERTIFICATE



PPR PRODUCT APPROVAL PAN INDIA



PPR PRODUCT APPROVAL MP HOUSING



Wall Mixer - Square Tap



Washing Machine Tap - Leva



Long Body Bib Tap - M Handle



2 Way Bib Tap - Vibrant

**TAPS & FAUCETS**

PLUMTEK  
The Best Choice for Plumbers

Easy to Install | Long-lasting | Free Flow | Engineering Polymers



Sink Faucet Mini Table - Planet Q



Ball Valve



Health Faucet



Bathroom Cabinet With Mirror

SCAN QR CODE FOR ALL RANGES OF OUR PRODUCTS

**HOSES**

**BONDING BEYOND BOUNDARIES**

**tension FREE hoses**



Suction hoses



Heavy duty Suction hoses



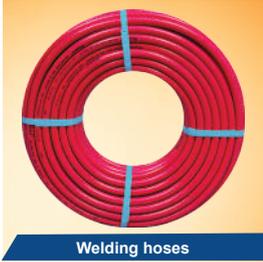
Zebra hoses



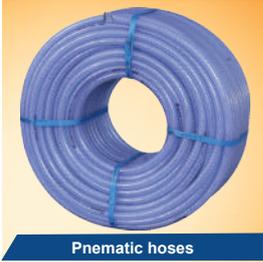
Braided hoses



Garden hoses



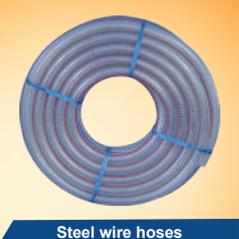
Welding hoses



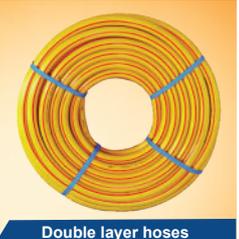
Pneumatic hoses



Level Tube hoses



Steel wire hoses



Double layer hoses



Duct hoses



PE Corrugated hoses



Ghamela

**MDPE PIPES & FITTINGS**

**tension FREE valves**

**JAL JEEVAN MISSION**



MDPE Pipe



UPVC Ball Valve



Tee - Triple Compression



Coupler Double Compression



Male Thread Adaptor



Male Thread Elbow



Female Thread Adaptor



Clamp Saddle



**PLUMtek FASTFIT**

# PERT PIPES & FITTINGS

1<sup>st</sup> Time in India  
**PB1 UNIVERSAL PUSH FITTINGS**  
PERT, PPR, PB1, PE, PEX

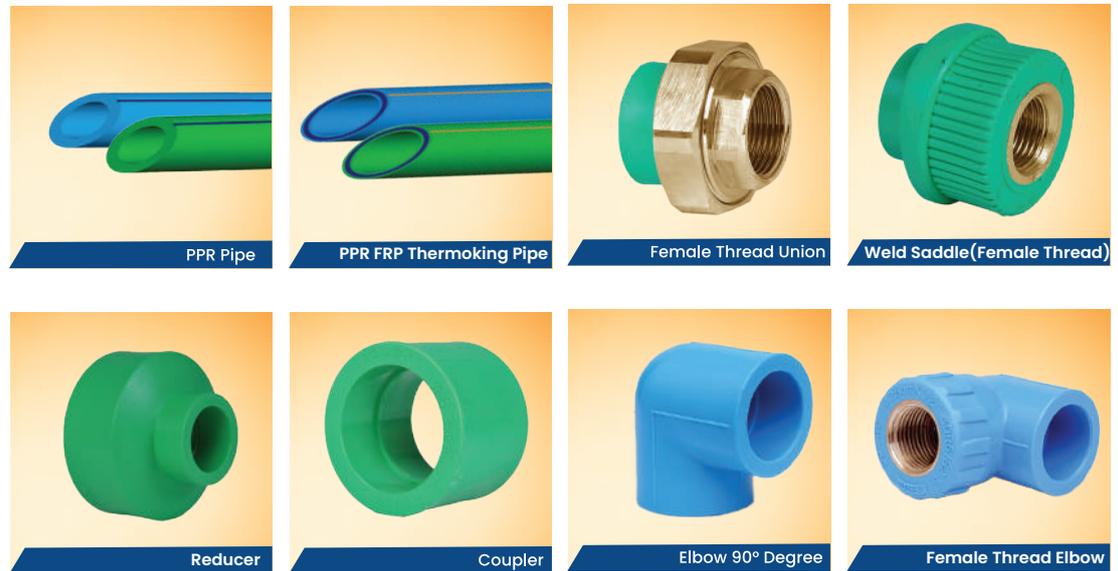
Operating Temperature: -40°C to +99°C

Available Size : Ø 20,25,32 mm | Ø 20 mm - Ø 160 mm  
(FASTFIT) (Socket welding)

**EUROAQUA®**  
PPR & PP-RCT PLUMBING TECHNOLOGY

## PPR & PPR-CT PIPES & FITTINGS

**100%**  
Lifetime Leakfree Technology



Operating Temperature: -10°C to +99°C

Available Size : Ø 20 mm to Ø 315 mm

# HDPE PIPES & FITTINGS

IS: 4984:2016  
CM/L - 6500091108

**PLUMtek HDPE PIPE**

PE63/PE80/PE100  
Sizes Available  
Ø16mm - Ø315mm

**tension FREE pipes**

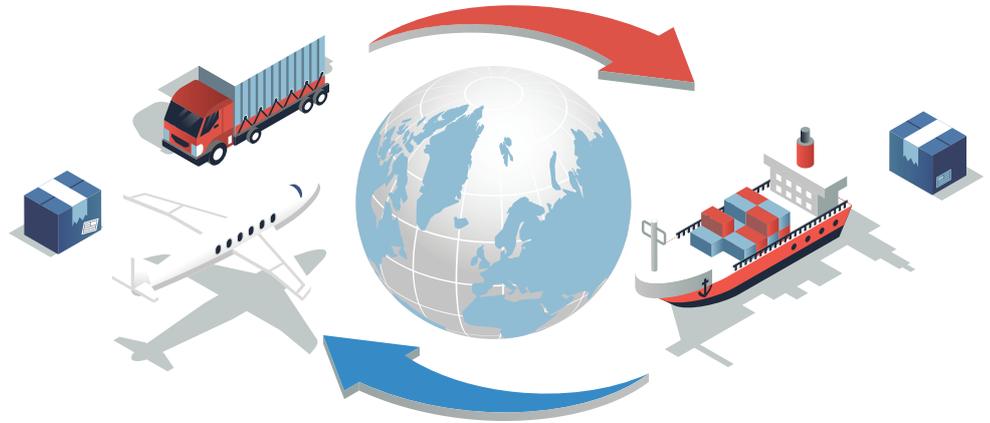
WRAS, GEM, BSA, and other certification logos are displayed at the bottom.

## MAJOR CLIENTS



### MARKET

- India
- Gulf
- Europe
- Maldives
- Srilanka
- Africa
- USA
- Canada etc



### OVERSEAS BUSINESS

Euroaqua Link Pvt Ltd, Colombo - 10, Sri Lanka.

Activity:

- Import, Stock & Marketing of all our Manufacturing Goods,
- Few PPR Fittings Manufacturing in Srilanka.



## OUR CLIENTS





## OUR SOCIAL MEDIA

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Website



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Plumtek

Plumtek Online shopping

EUROAQUA  
**PLUMtek**  
ELEGANT & ECONOMIC  
TAPS | FAUCETS | HOSES | PIPES & FITTINGS



plumtek.shop

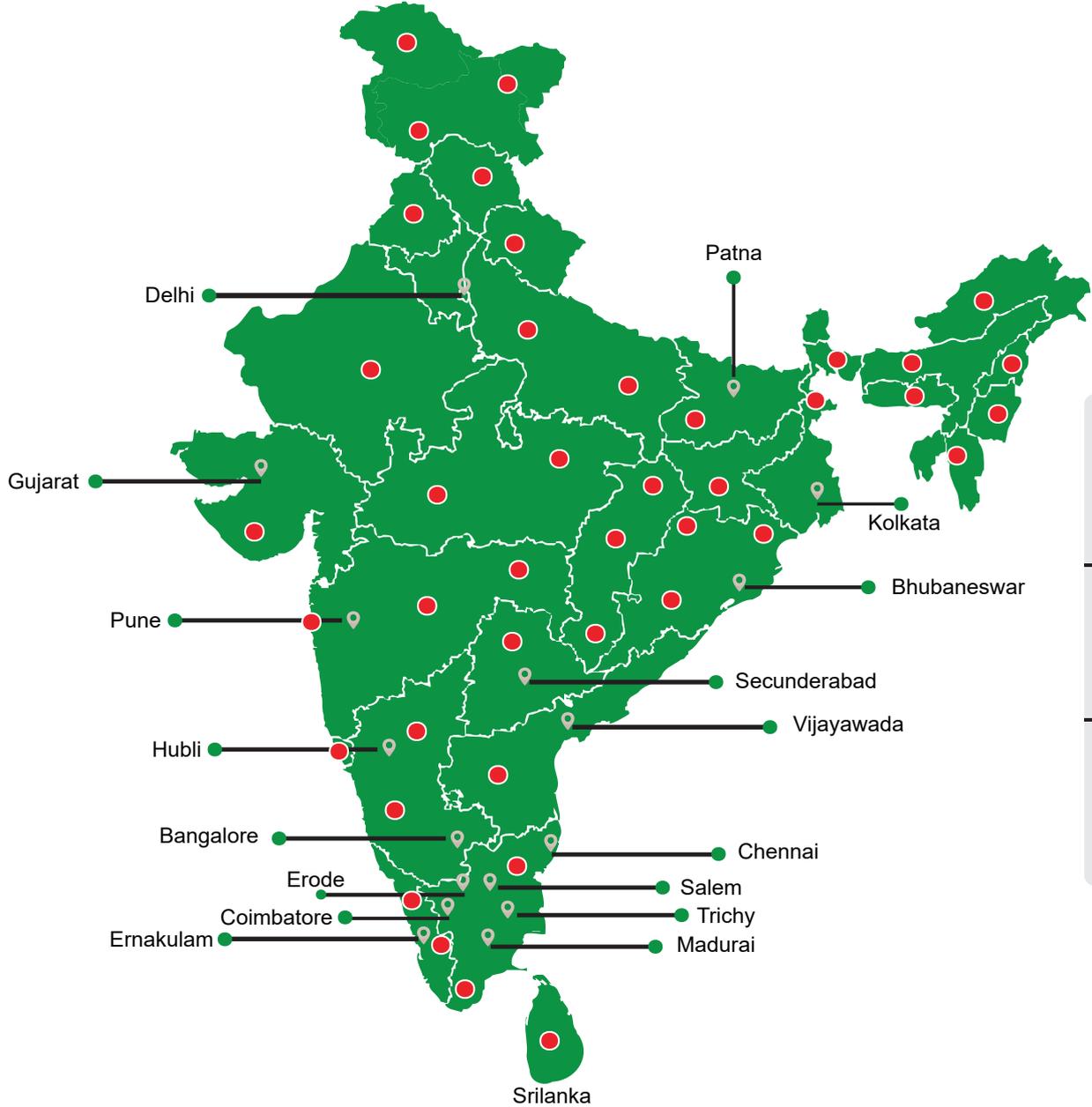
# OUR BRANCHES

EUROAQUA  
**PLUMtek**  
ELEGANT & ECONOMIC  
TAPS | FAUCETS | HOSES | PIPES & FITTINGS

EUROAQUA  
PPR & PPR-CT PLUMBING TECHNOLOGY

PLUMtek FASTFITE

EUROAQUA  
**Airguard**



Scan for Whatsapp



Scan for Certificates



Scan for Youtube



**Our Branches**



**Products Available Areas ( Other than Branches )**



TAPS & FAUCETS



PVC HOSES



PPR PIPES & FITTINGS



PE-RT PIPES & FITTINGS



HDPE PIPES & FITTINGS



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Manufactured By  
**EUROAQUA PLUMTEK PVT LTD**

An ISO 9001 : 2015 Certified Company

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