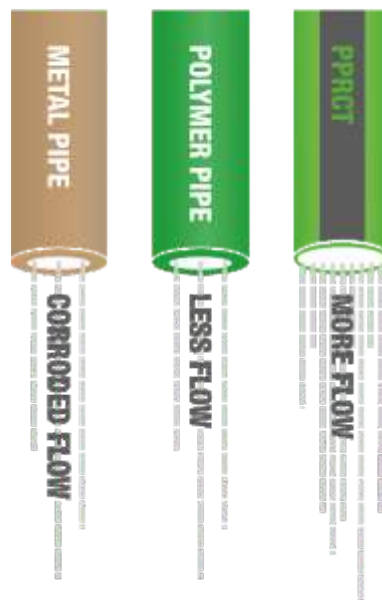




MORE  
**FLOW**  
MORE  
SAVING  
ON SAME DIAMETER



**Sole Manufacturer of Pipes upto 12" Diameter**

# About Anjney

**Anjney** is the leading manufacturer of Non-Metallic Industrial Pipes and Fittings with an innovative concept of ENERGY SAVING. We are 'the pioneers of the piping industry' since last 22 years. With our rock-solid experience, R & D and keeping in mind our customer's expectations, we at **Anjney** constantly strive to launch new and ground-breaking technologies in the market.

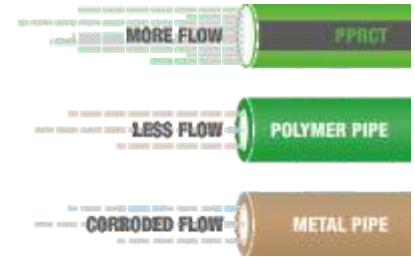
Living up to our Motto, we have developed new futuristic products with high precision, new technology and premium grade components. This provides longer life to the product, reduces payback period of the investments and almost nil maintenance throughout the life of the product. Thus, our products are designed to deliver and they live up to every detail of complete customer satisfaction.

The raw material used are newly and radically upgraded with 25% higher MRS than any grade of Polypropelene. This increases the strength of pipe and the inner diameter of a standard pipe. Higher MRS supports and sustains the pipes at high pressure and at high temperature making it robust and sturdy. Thus, **Anjney** is the ultimate and an intelligent solution to be used in various temperature lines for long life expectancy of pipes and energy saving.

One of the major product of **Anjney**, apart from **PPRCT** is **PPCH FR Pneumatic pipes** which are extensively used in Compressed Air Lines, Instrument Air, Nitrogen Air and vacuum transmit.



# PPRCT FR Composite



With the Futuristic Innovation in the piping industry, **Anjney Tubes India** offers the ultimate solution with a brand name **PPRCT**.

The M.O.C. of the technology is a special grade of POLYPROPYLENE, an ISO 15874-2:2012, the global standard approved with a special crystallinity, Sandwich Glass reinforcement technology.

- HIGHER HOOP STRESS compared to any other polymer grade.
- HIGHER MECHANICAL STRENGTH that supports to REDUCE WALL THICKNESS.
- HIGHER flow, resulting to ENERGY SAVING.

**PPRCT TECHNOLOGY** is ideal for all the industries. It acts as a vein to the machines which is the heart of a company, thereby increasing efficiency technically and economically.

**PPRCT** claims to provide maximum flow compared to any piping system, it may be Polymer, Metal, GRP/FRP. It is resistant to almost all the chemicals between -5 degree Celsius to 95 degree Celsius, **PPRCT** makes sure to provide a longer life.

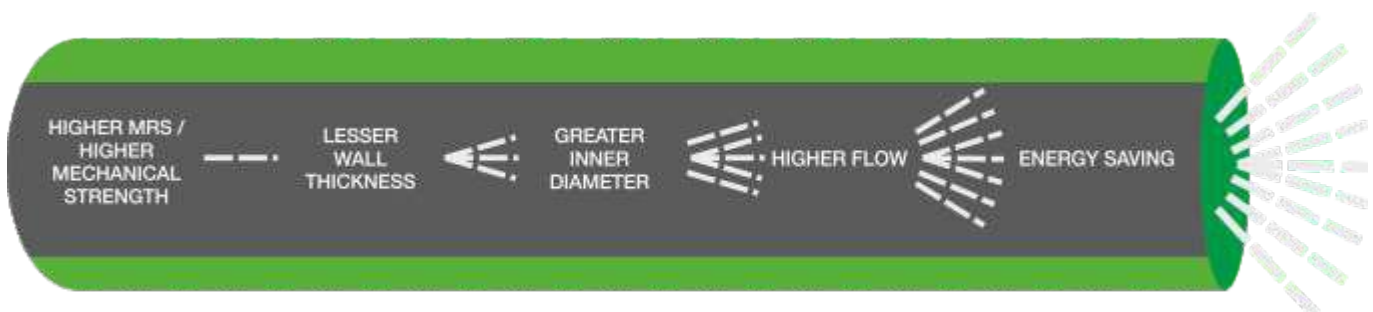
**PPRCT provides maximum flow compared to any piping system.**

**May it be Polymer, Metal (GI, MS, CI, SS, CS) and GRP / FRP**

## PPRCT Application Areas

- |   |   |
|---|---|
| • Any type of waterline application     | • Normal water, R.O. Water. Raw water, Hot water                        |
| • All type of Environmental application | • Effluent Treatment Plant (ETP), Water Treatment Plant (WTP), DM Water |
| • Process Line                          | • All corrosive chemicals, all oil lines, all process lines             |
| • Temperature line                      | • Hot Water Condensation line and High Temperature Chemical line        |
| • All type of utility application       | • Chiller line, Cooling tower Line                                      |

Please take official confirmation about the area of application (Fluid, concentrated fluid, temperature and pressure)



# Energy Saving

## More flow on same diameter pipe by PPRCT TECHNOLOGY

### “Saving Is the Second Definite Income”

Industries are very conscious on maximizing production on minimum capital cost and maintenance.

**PPRCT** is a wholesome product that takes care of cost by saving energy and nil maintenance, with life up to 25 years. \*

**PPRCT** claims exceptional technical figures. No other polymer pipe gives such mechanical strength and flow with

better temperature resistance, that also assures very less heat loss with great impact strength and less thermal expansion.

**PPRCT** pipes will work on same pressure as any other pipe but with lesser wall thickness and all-inclusive benefits directly support to the energy saving.

No	Size of Pipe	Flow-LPM in PP/PPRC/HDPE Pipe		Flow in PPRCT		Flow Difference in %	Power Saving in %
		Inner Dia	Flow-(m3/s)	Inner Dia	Flow-(m3/s)		
1	20 MM (½")	14.4mm	0.0001647	15.8mm	0.0001985	11.5%	6% to 7%
		18.2mm	0.0002574	20 mm	0.0003101		
2	25 MM (¾")	23.2mm	0.0004217	26 mm	0.0005081	11.5%	6% to 7%
		29 mm	0.0006589	32 mm	0.0007940		
3	32 MM (1")	36.2mm	0.0010296	40 mm	0.0012406	11.5%	6% to 7%
		45.6mm	0.0016346	50 mm	0.0019695		
4	40 MM (1¼")	61.4mm	0.0029574	65 mm	0.0033751	11.5%	6% to 7%
		73.6mm	0.0042587	78 mm	0.0048602		
5	50 MM (1½")	90mm	0.0063617	95 mm	0.0072603	7 to 8 %	5% to 6%
		130mm	0.0134595	138 mm	0.0153606		
6	63 MM (2")	163mm	0.0210305	173 mm	0.0224931	7 to 8 %	5% to 6%
		204mm	0.0328602	216 mm	0.0351454		
7	75 MM (2½")	258mm	0.0521688	270 mm	0.0557968	7 to 8 %	5% to 6%
8	90 MM (3")					7 to 8 %	5% to 6%
9	110 MM (4")					7 to 8 %	5% to 6%
10	160MM (6")					7 to 8 %	5% to 6%
11	200MM (8")					7 to 8 %	5% to 6%
12	250MM (10")					7 to 8 %	5% to 6%
13	315MM (12")					7 to 8 %	5% to 6%

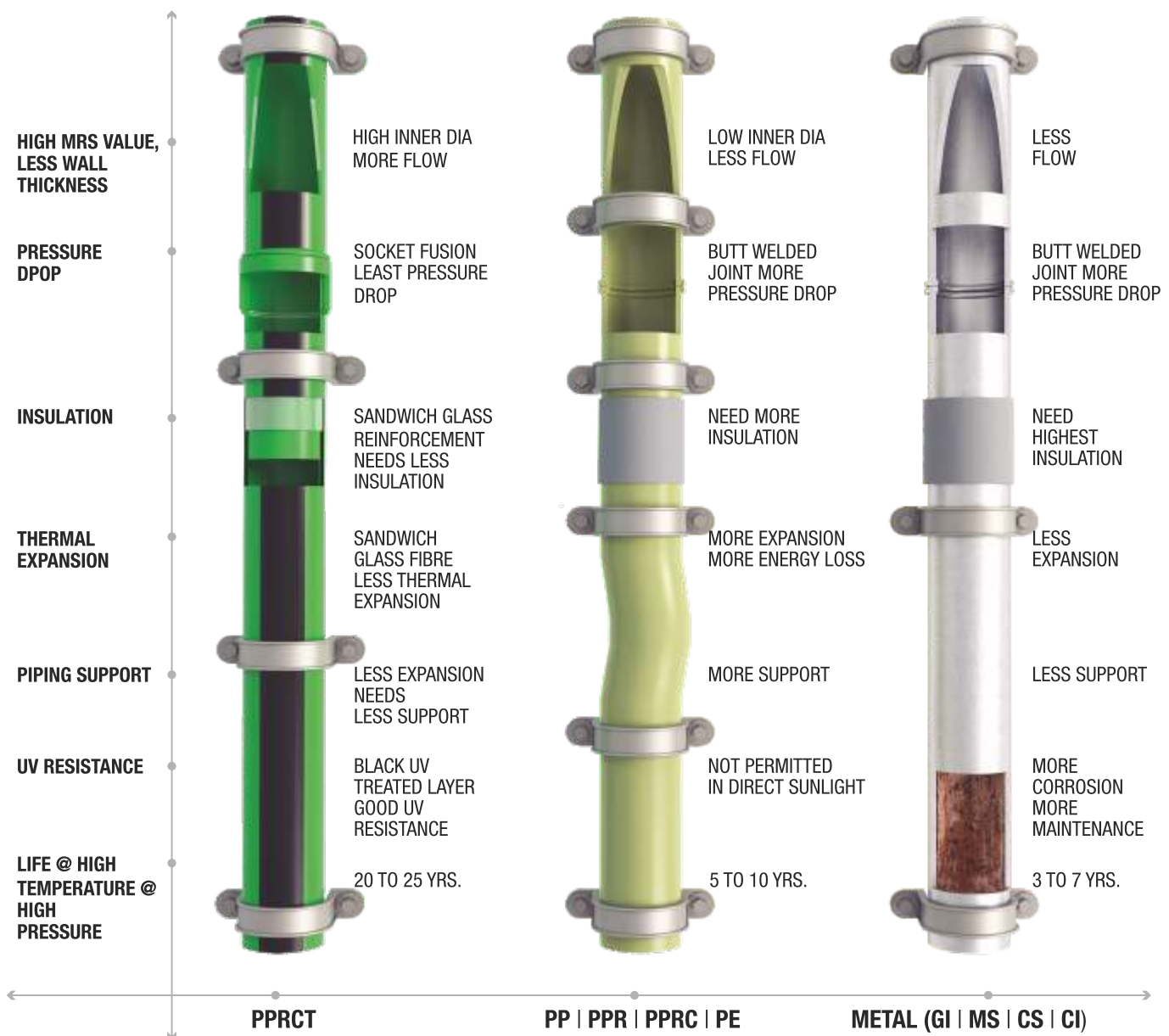
Above is calculated as per PN16 from 20mm to 63mm Size and PN10 from 75mm to 315mm

# PPRCT Strength

Anjney PPRCT piping are developed with a 'special grade of polypropylene' and 'glass reinforcement' which caters the industrial needs. This **remarkably reduces the maintenance cost and increases the Life Expectancy as well as Energy Saving.**

Anjney PPRCT piping is a brilliant innovation and an upgraded product of previous product named **THERMAL FR Composite pipe** which has successfully completed 12,000 installation across India in various industrial applications. Almost 6,300 industrial clients have already obtained the benefits of this pipes.

Technical comparison showing the superiority of PPRCT pipes over other piping systems.



# Product at Glance

“Anjney “PPRCT PIPES (As per ISO 15874-2:2012)

“Anjney “PPRCT FITTINGS (As per IS 16962 – Part 5 to 10)



**PPRCT FR Composite**  
20 mm to 50 mm, PN16 / PN20  
63mm to 315 mm, PN10 / PN16 / PN20



**Equal Tee**  
20 mm to 160 mm, PN20



**Coupler**  
20 mm to 160 mm, PN20



**Elbow**  
20 mm to 160 mm,  
PN20



**Reducer**  
20 mm to 160 mm, PN20



**Reducing Tee**  
20 mm to 160 mm, PN20



**End Cap**  
20 mm to 160 mm, PN20



**Long Radius Elbow**  
20 mm to 63 mm, PN20



**Core Flange /  
Long Neck Collar**  
20 mm to 160 mm, PN20



**Step Flange**  
20 mm to 160 mm, PN20



**Male Threaded Adaptor**  
20mm\*1/2" / 20mm\*3/4" / 25mm\*1/2" /  
25mm\*3/4" / 32mm\*1/2" / 32mm\*3/4" / 32mm\*1"  
/ 40mm\*1.1/4" / 50mm\*1.1/2" / 63mm\*2", PN20



**Female Threaded Adaptor**  
20mm\*1/2" / 20mm\*3/4" / 25mm\*1/2" / 25mm\*3/4" /  
32mm\*1/2" / 32mm\*3/4" / 32mm\*1" / 40mm\*1.1/4" /  
50mm\*1.1/2" / 63mm\*2", PN20



**Male Threaded Elbow**  
20mm\*1/2" / 20mm\*3/4"  
25mm\*1/2" / 25mm\*3/4"  
32mm\*3/4" / 32mm\*1", PN20



**Female Threaded Elbow**  
20mm\*1/2" / 20mm\* 3/4"  
25mm\*1/2" / 25mm\* 3/4"  
32mm\*3/4" / 32mm\*1", PN20



**Female Threaded Tee**  
20mm\*1/2" / 20mm\*3/4"  
25mm\*1/2" / 25mm\*3/4"  
32mm\*3/4" / 32mm\*1", PN20



**Male Threaded Tee**  
20mm\*1/2" / 20mm\*3/4"  
25mm\*1/2" / 25mm\*3/4"  
32mm\*3/4" / 32mm\*1", PN20

**Special note:** It is advisable to confirm your application with us before using our product. We suggest not to use any threaded fittings in chemical application.





# Beyond the Standard



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