

**PPCH Product Range (PPCH Pipes as per IS 15874 and Fittings as per 16962 Part 5 to 10):**

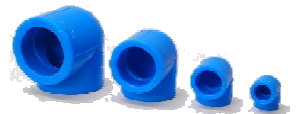
- **PPCH Pipes:** 20 MM to 40 MM PN 16 & 20  
50 MM to 315 MM PN 10, 16 & 20



- **Coupler:** 20 MM to 315 MM PN 20



- **Elbow:** 20 MM to 315 MM PN 20



- **Equal Tee:** 20 MM to 315 MM PN 20



- **End Cap:** 20 MM to 315 MM PN 20



- **Reducer:** 20 MM to 315 MM PN 20



- **Reducing Tee:** 20 MM to 315 MM PN 20



- **Long Radius Bend:** 20 MM, 32 MM, 50 MM, 63 MM PN 20



- **Core Flange:** 20 MM to 315 MM PN 20



- **Step Flange:** 20 MM to 315 MM



- **Male Threaded Adaptor:** 20 MM to 63 MM PN 20



- **Female Threaded Adaptor:** 20 MM to 63 MM PN 20



- **Elbow 45 Degree:** 20 MM to 160 MM PN 20



- **Female Threaded Tee / Elbow:** 20 MM to 32 MM PN 20



- **Female Threaded Union:** 20 MM to 32 MM PN 20

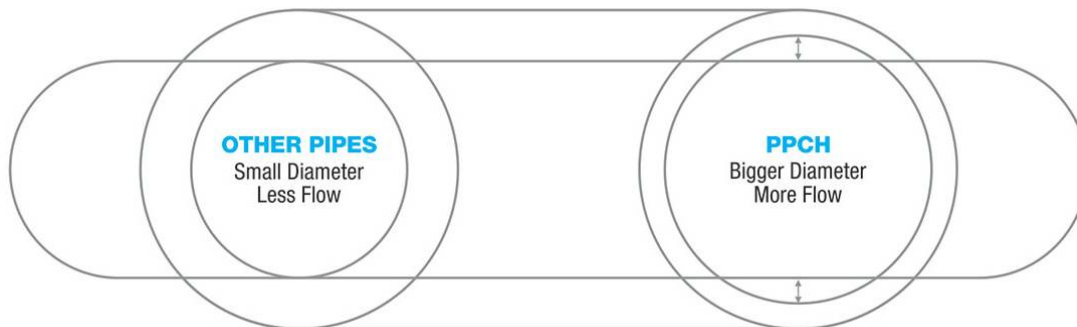


- **Male Threaded Union:** 20 MM to 32 MM PN 20



## Salient Characteristics – PPCH FR V2 Pneumatic Pipes and Fittings

- **Greater Inner Diameter:**

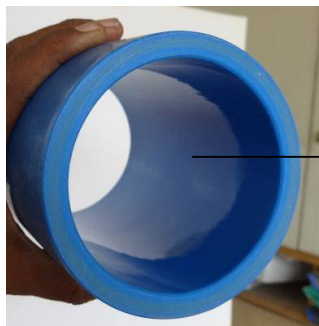


*Anjney* brand **PPCH FR V2 Pneumatic Piping** is being made with special grade of raw material having higher MRS that reduces the wall thickness without decreasing the strength of the pipeline and in return it gives higher inner diameter compared to other polypropylene pipes having the same outside diameter.

This actually gives smoother and speedy air flow compared to other non-metallic pipes. **PPCH Pipes** manufactured by *Anjney Tubes India* gives higher air flow compared to other polymer pipes and fittings of the same diameter size and in lesser time.

- **Smoother Inner Surface (0.1 Micron RA Value):**

Sandwich Glass Fiber Reinforcement in **PPCH Pipe** having Mirror finish inner surface leads to 0.1. Micron RA Value which is almost 7 times lesser compared to Aluminum Pipes and 13 times lesser compared to all types of Metal Pipes. In *Anjney* brand **PPCH FR V2 Pneumatic Piping**, flow of air circulate very smoothly with least friction loss.



Mirror Finish Inner Surface (0.1 Micron RA Value)

- **Sandwich Glass Fiber Reinforcement:**

Inbuilt Sandwich Glass Reinforcement composited in **PPCH FR V2 Pneumatic Pipes and Fittings** increases the strength of the pipeline and gives high resistance against Thermal Expansion which in turn reduces the sagging and clamping requirement. This ultimately minimizes the pressure drop and lesser clamping requirement reduces the cost of the company.



Sandwich Glass Fiber Reinforcement

- **Glass Insulation:**

Due to atmospheric reaction, Metal Pipes used in compressed air creates moisture which leads to the corrosion as air mixes with water. This corrosion ultimately creates leakages from specific parts and corrosive solid particles mixes with air that circulates rust air and damages the machinery. Thus it affects the efficiency of the air compressor and reduces its life with heavy maintenance.

**Anjney** brand **PPCH FR V2 Pneumatic Pipes and Fittings**

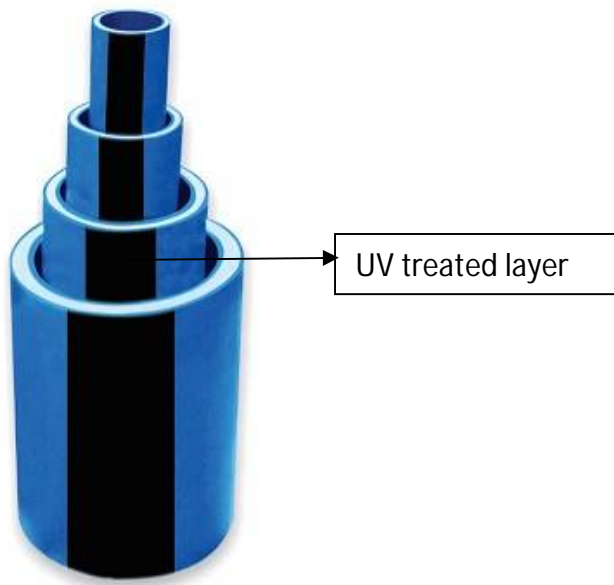
- **Flame Retardant (V2 Technology):**

Usually in the industries, possibilities of fire is very common due to all running machineries. Though Metal Pipeline are Fire Proof pipes and it will not be burnt in the fire but due to fire, metal pipeline will be of no use due to corrosion on account of fire. But **Anjney** brand **PPCH FR Pneumatic Pipes** are being manufactured as per **V2 grade approved technology** which retards the fire increasing and stops the flames at the same place due to Flame Retardant additives added in the pipeline. Hence, **Anjney** brand **PPCH FR V2 Pneumatic Pipe** is like a **BOON**; especially for textile industries.



- **UV Resistant:**

Anjney Tubes India has recently launched the newly innovative product **PPCH FR V2 Pneumatic Pipes and Fittings** having UV treated carbon layer on the pipe which let the pipeline to be installed in the direct sunlight.



- **Non Corrosive:**

Non corrosive element in the pipeline prevents solid particles mixing with air in the pipeline and circulates clean air.

## Technical Evaluation:

Since the establishment, **Anjney Tubes India** is performing continuous R & D and putting endless efforts in introducing new products at the span of every 5 years by updating and upgrading its existing product range. Along with the upgradation in technology across the globe, **Anjney Tubes India** is also making upgradation and upgradation in its existing manufacturing process as well as products.

People in earlier time were using Metal Pipeline in compressed airline and then started using the same material pipeline with coating of Galvanized material. Due to the problems of leakages due to threaded joints and corrosion, industries started using non-metallic pipes and fittings. Still the issues remain in the non-metallic pipes and fittings too such as sagging, thermal conductivity etc.

To overcome such issues, **Anjney Tubes India** stepped into manufacturing of **PPCH FR V2 Pneumatic Pipes and Fittings** (Flame Retardant). Herewith mentioned below is the comparison of **PPCH FR V2 Pneumatic Piping** with other pipes:

