

# ASPEN PIPES



## PPR-C AND HDPE PIPES AND FITTINGS MANUFACTURERS

### Applications



Hot & Cold Water



HVAC & Plumbing



Chemicals



AIR



APIs & Intermediates



Food



Textile

### Application Areas



Residential



Hospital



Commercial



Defence



Industries



Compressed Air  
System



Infrastructure

SCAN  
TO VISIT US



[www.aspenpipes.com](http://www.aspenpipes.com)



IS 4984:2016, IS 15801:2008 Approved



An ISO 9001:2015 Certified Company



**Welcome to Aspen Pipes – where quality meets reliability.**

Aspen Pipes has been a trusted name in the manufacturing of high-quality Poly Propylene Random Copolymer (PPR-C) Pipes and High Density PolyEthylene (HDPE) Pipes, serving customers across diverse industries, including Chemical, Plumbing, Residential, and Agriculture.

Our decades of experience have given us deep insights into the various conditions a piping system endures, enabling us to develop a product that Combines versatility , durability, and uncompromising quality.

Our PPR AND HDPE Pipes are renowned for their exceptional performance, corrosion resistance, and ability to with stand extreme temperatures, with a lifespan of up to 50 years.

At Aspen Pipes, quality isn't just a promise—it's a practice. Every Aspen pipe is rigorously inspected and Quality Controlled (QC'd) in-house to ensure that it meets our stringent standards. From raw materials to finished goods, our focus remains on maintaining consistency, reliability, and performance in every product we manufacture .

When you choose Aspen Pipes, you're not just selecting a product; you're partnering with a company dedicated to innovation, reliability, and your success.



# GREEN-X PPR-C Triple Layer Pipes



Aspen GreenX PPR-C Pipes are manufactured as per the specifications given below:

Material	Polypropylene Random Copolymer (PPR-C)
Sizes	20 mm to 200 mm
Reference Standards	IS 15801
Working Temperature	-15°C to 95°C
Working Pressure class (kg/cm <sup>2</sup> )	PN 10, PN 16, and PN 20



Key Features	Applications
<ul style="list-style-type: none"><li>- High Temperature and Pressure Resistance</li><li>- Corrosion and Chemical Resistance</li><li>- Lightweight and Easy Installation.</li><li>- Longevity and Durability.</li><li>- High Impact Resistance.</li><li>- Minimal Wear and Tear.</li><li>- Cost-Effective Solution.</li><li>- Enhanced Flow Efficiency.</li><li>- Promotes efficient fluid flow, minimising pressure loss.</li></ul>	<ul style="list-style-type: none"><li>- Portable water - Hot and Cold</li><li>- Cooling Tower and Chiller System</li><li>- RO Water, DM Water, Pharmaceuticals &amp; Healthcare</li><li>- Chemicals , Effluents , and Acid</li><li>- ETP &amp; STP Plants</li><li>- Dyes &amp; Intermediates Industry, Food &amp; Dairy Industry, Textile, Sugar and Paper Mills</li><li>- Solar Water Heating Systems</li><li>- HVAC Systems &amp; Radiator Heating</li><li>- Indoor and Outdoor Plumbing Systems</li><li>- Defence Applications</li></ul>

## Why PPR-C is Ideal for These Applications

### Chemical Resistance

PPR-C is inert to a wide range of chemicals and does not corrode or degrade easily.

### High Temperature Tolerance

Can handle temperatures up to 95°C, ideal for hot chemical solutions.

### Smooth Inner Surface

Prevents accumulation of chemical residues, ensuring smooth flow and minimising contamination.

### Non-Reactive

Does not react with transported chemicals, maintaining their integrity and purity.

# BlueFlo PPR-C Triple Layer Pipes



Aspen BlueFlo PPR-C Triple Layer Pipes are manufactured as per the specifications given below:

Material	Polypropylene Random Copolymer (PPR-C)
Sizes	20 mm to 200 mm
Working Temperature	-15°C to 95°C
Reference Standards	IS 15801
Working Pressure class (kg/cm <sup>2</sup> )	PN 10, PN 16, and PN 20



## Aspen BlueFlo PPR-C Pipes

Key Features	Applications
<ul style="list-style-type: none"> <li>Minimal Heat Loss</li> <li>Reduced Sagging</li> <li>Less Thermal Expansion</li> <li>Leak-Proof Joints</li> <li>UV-Resistant Outer Layer</li> <li>Low Linear Expansion</li> <li>Increased Pressure Handling</li> <li>Excellent Low-Temperature Performance</li> <li>Non-Toxic &amp; Hygienic</li> </ul>	<p><b>Compressed Air Systems</b> – Used in Industries to transport compressed air</p> <p><b>Vaccum Air Systems</b> – Used in material Handling , Automation and Packaging Industries where Vaccum Technology is required .</p> <p><b>Control Systems</b> – Used in Industrial Applications to control the flow of Fluids and Gases .</p> <p><b>Conveying Systems</b> - Used in Food Processing , Pharmaceuticals , Minings etc . Powders , Granules and other tiny particles can also be transported through Blueflo Pipes .</p> <p><b>Medicinal Applications</b> - Gases like Oxygen , Nitrogen etc are also transported via PPR-C Pneumatic Pipes and Hospitals and other Healthcare Facilities .</p>

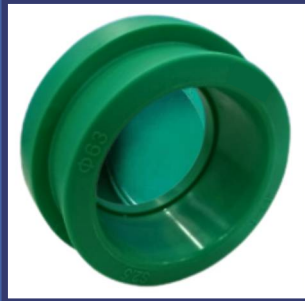
We take Turnkey Projects also.

# Aspen Green- X PPR-C Fittings



Aspen GreenX PPR-C Pipe Fittings: Coupling, Elbow (45° & 90°), Tee, Reducer, Reducing Tee, Core Flange, Slip-on Flange, Ball Valve, MTA, and FTA

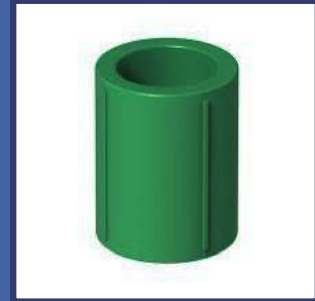
Sizes - 20 mm to 160 mm.



Core Flange



Elbow 90 Degree



Socket



Reducer



Reducer Tee



PPR-Flange

# Aspen BlueFlo PPR-C Pipe Fittings

Coupling, Elbow (45° & 90°), Tee, Reducer, Reducing Tee, Core Flange, Slip-on Flange, Ball Valve, MTA, and FTA

Sizes - 20 mm to 160 mm.



Coupling



Elbow 90 Degree



Elbow 45 Degree

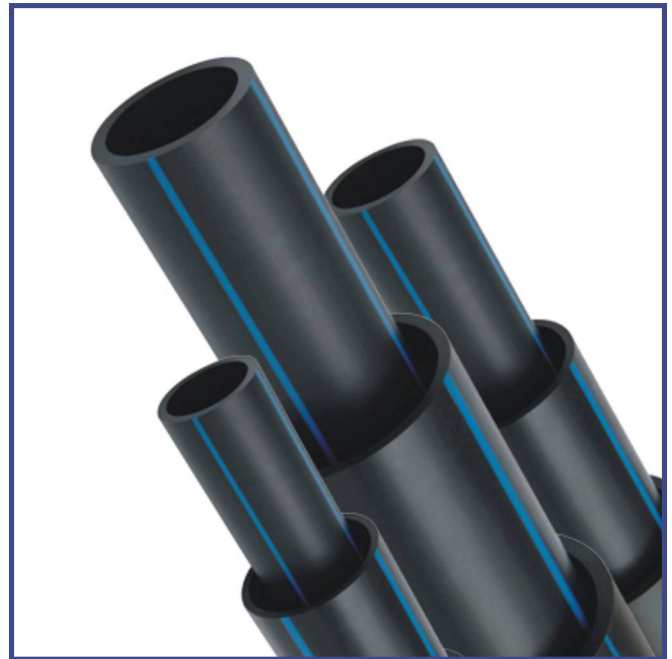


Equal Tee

# HDPE Pipes, Fittings & Coils



Material	High Density PolyEthylene
Sizes	20 mm to 310 mm
Color	Black
Reference Standards	IS 4984
Working Pressure class (kg/cm <sup>2</sup> )	PN 2.5, PN 4, PN 6, PN 8, PN 10





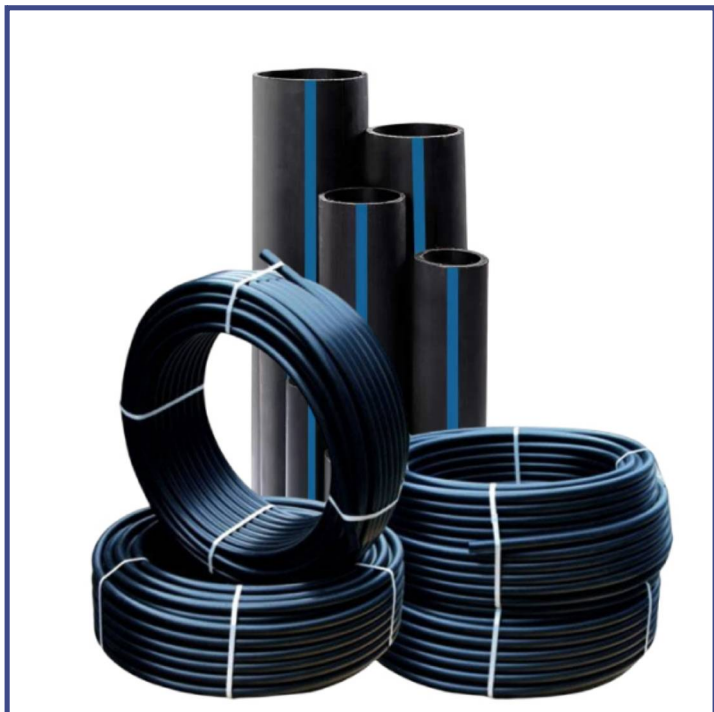
## Aspen HDPE Pipes & Coils

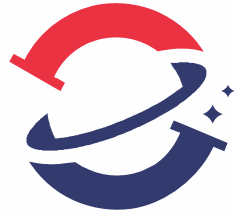
### Key Features

- Flexible** — Easy to install and handle due to high flexibility.
- Durable** — Withstands extreme temperatures, UV exposure, and chemical
- Chemical-Resistant** — Ideal for chemical processing and wastewater treatment
- Leak-Proof**— Seamless joints via butt or electro-fusion welding ensure zero leaks.
- Lightweight** — Easier to transport and install than concrete or steel pipe

### Applications

- Water Supply** — Made from food-grade virgin polyethylene, ensuring safe table water transfer with high resistance to corrosion and chemicals.
- Sewerage & Drainage** — Sturdy and chemical-resistant, ideal for high pressure sewer and drainage systems.
- Mining** — Perfect for slurry and process water transport, offering abrasion impact resistance in harsh environments.
- Gas Distribution** — Flexible and UV-resistant, suited for areas with soil movement and seismic activity.
- Chemical Transport**— Safely handles chemicals and hazardous materials superior chemical resistance.





# ASPEN PIPES

## Contact Us

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GST No -  
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An ISO 9001:2015 Certified Company