



# *Kejriwal* OPVC PIPES

*Legacy reOriented*



Stronger | Smarter | Sustainable

**Pipes that deliver more water**  
**more efficiency & more reliability**

**BUILT FOR GENERATIONS**



# Why choose Kejriwal

Kejriwal OPVC pipes are the future of water infrastructure - combining strength, efficiency, and reliability through advanced molecular orientation technology. This innovation enhances conventional UPVC, creating a pipe that delivers higher hydraulic capacity, exceptional impact resistance, and long-lasting durability. With the flexibility to adapt to ground movements, the toughness to withstand on-site handling, and the assurance of watertight joints, Kejriwal OPVC is the trusted choice for urban, rural and industrial applications alike. Beyond performance, our pipes contribute to sustainable water management by reducing energy consumption and ensuring long service life—making them a smarter solution for tomorrow's challenges.

## Dimensions (Class 500)

Kejriwal OPVC pipes are available in various sizes and pressure ratings (PN 12.5, PN 16, PN 20, PN 25).

| Nominal Pressure (Bar) |                       |       | PN 12.5              |                        | PN 16                |                        | PN 20                |                        | PN 25                |                        |
|------------------------|-----------------------|-------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|----------------------|------------------------|
| Nominal Diameter (DN)  | Outside Diameter (OD) |       | Inside Diameter (ID) | Wall Thickness C1.4(e) | Inside Diameter (ID) | Wall Thickness C1.4(e) | Inside Diameter (ID) | Wall Thickness C1.4(e) | Inside Diameter (ID) | Wall Thickness C1.4(e) |
|                        | min.                  |       | max.                 | avrage                 | min.                 | avrage                 | min.                 | avrage                 | min.                 | avrage                 |
| mm                     | mm                    | mm    | mm                   | mm                     | mm                   | mm                     | mm                   | mm                     | mm                   | mm                     |
| 90                     | 90.0                  | 90.3  | 84.8                 | 1.6                    | 84.3                 | 2.0                    | 84.3                 | 2.5                    | 83                   | 3.1                    |
| 110                    | 110.0                 | 110.4 | 103.6                | 2.0                    | 103.1                | 2.4                    | 103.0                | 3.1                    | 100.8                | 3.8                    |
| 125                    | 125.0                 | 125.4 | 117.8                | 2.2                    | 117.8                | 2.8                    | 117.1                | 3.5                    | 114.5                | 4.3                    |
| 140                    | 140.0                 | 140.5 | 132.3                | 2.4                    | 132.3                | 3.1                    | 131.1                | 3.9                    | 128.3                | 4.8                    |
| 160                    | 160.0                 | 160.5 | 152.1                | 2.8                    | 151.2                | 3.5                    | 149.8                | 4.4                    | 146.6                | 5.5                    |
| 200                    | 200.0                 | 200.6 | 190.1                | 3.5                    | 189.0                | 4.4                    | 187.3                | 5.5                    | 183.3                | 6.9                    |
| 225                    | 225.0                 | 225.7 | 213.9                | 4.0                    | 212.6                | 5.0                    | 210.7                | 6.2                    | 206.2                | 7.7                    |
| 250                    | 250.0                 | 250.8 | 237.6                | 4.4                    | 236.3                | 5.5                    | 234.1                | 6.9                    | 229.1                | 8.6                    |
| 315                    | 315.0                 | 316.0 | 299.4                | 5.5                    | 297.7                | 6.9                    | 295.0                | 8.7                    | 288.6                | 10.8                   |
| 355                    | 355.0                 | 356.1 | 337.4                | 6.2                    | 336.0                | 7.8                    | 332.4                | 9.8                    | 327.2                | 12.2                   |
| 400                    | 400.0                 | 401.2 | 379.8                | 7.0                    | 378.4                | 8.8                    | 374.8                | 11.0                   | 369.0                | 13.7                   |

Note : 1. Also available in Class 450

2. Pipes generally supplied in 5.50 mtr. effective length..

| Feature             | OPVC       | DUCTILE IRON | HDPE     |
|---------------------|------------|--------------|----------|
| <b>Strength</b>     | High       | Very High    | Medium   |
| <b>Weight</b>       | Very Light | Heavy        | Light    |
| <b>Installation</b> | Fast       | Moderate     | Moderate |



### Advantages

- High Impact Resistance
- Energy efficient
- Smooth Bore
- Lower Pumping costs
- UV & Corrosion Resistant
- Long service life
- High Pressure Sustainability

### Suitable for

- Water
- Gas
- Sewer
- Building
- Agriculture
- Telecommunication

### Applications

- Drinking Water Supply Networks
- Irrigation Schemes
- Industrial Fluid Transport
- Rural Water Projects
- Waste Water Lines

**IS 16647 ISO 16422**

## Characteristics of *Kejriwal* OPVC Pipes

### More Water, Less Energy

With higher flow capacity, our pipes deliver more efficiency and reduce pumping costs.

### Tough & Reliable

Built to withstand on-site impacts, Kejriwal OPVC pipes stay strong even in rough handling.

### Crack-Free Confidence

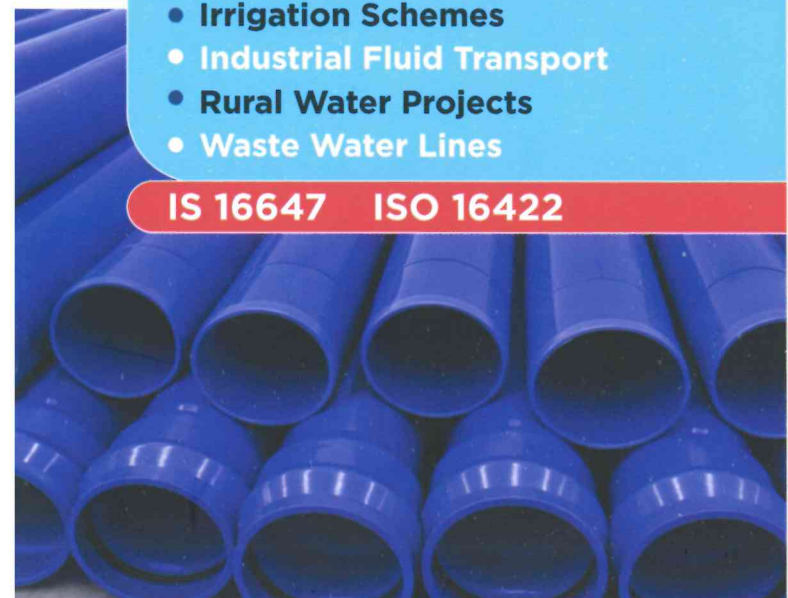
Scratches or surface marks won't affect performance—our advanced structure prevents cracks from spreading.

### Flexibility that Protects

Whether from soil movement, heavy loads, or accidental flattening, our pipes spring back to their original shape without damage.

### Leak-Proof Performance

Advanced jointing system ensures 100% watertight connections for a hassle-free, long-lasting network.



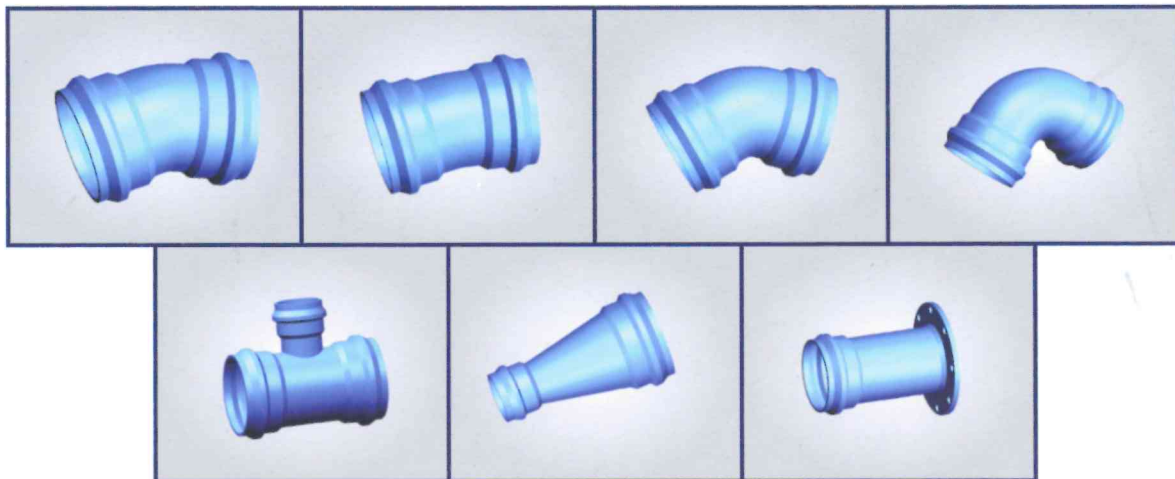
# Kejriwal Castings Ltd

## India's Leader in

### DI Fittings Compatible to OPVC Pipes

Engineering Precision | Enhancing Performance  
Empowering Next-Generation Pipelines

BS EN - 12842 ISO - 16631



**Kejriwal** pioneered and became the first manufacturer of **D.I. Fittings** compatible to all plastic pipes specially **UPVC / HDPE / OPVC Pipes** way back in 1998 when it was largely exported to international market.

In a pipeline world rapidly shifting toward high-performance **OPVC (PVC-O) systems**, one name stands apart as the trusted partner for advanced jointing solutions — **Kejriwal Castings Ltd.**

OPVC pipes demand specialized geometry, calibrated tolerance and enhanced flexibility.

**Kejriwal's** fittings are not repurposed DI components - they are engineered from ground up for perfect compatibility with OPVC pipeline behavior.



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**Kejriwal Castings Limited**

Manufacturers of : Ductile Iron Pipes, Fittings, Valves & Specials