

**ASTRAL
DRAIN
HULK**

**ASTRAL
UNDER
GROUND**
DRAINAGE SYSTEMS

**ASTRAL
PIPES**



**ASTRAL
PIPES**

ASTRAL POLY TECHNIK LIMITED

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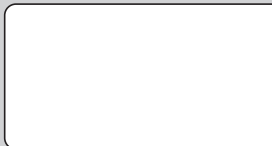


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**UPTO
1000
MM
DIAMETER**

**1st
in India**

**ASTRAL PE/PP
MANHOLE & INSPECTION
CHAMBERS**



ASTRAL PE/PP MANHOLE & INSPECTION CHAMBERS

INTRODUCTION

Astral manhole inspection chambers are made of 100% virgin UV stabilized polyethylene (PE) or polypropylene (PP) material and are intended for use in underground drainage and sewerage systems. Innovative industrial strength design based on almost 20 years of German/European experience incorporates carefully designed ribs to provide extra strength to the product and at the same time act as an uplift prevention system against ground water. Astral manholes have been installed in extremely challenging site conditions such as high ground water level. Astral chambers are suitable for both on-road and off-road installations.

WIDE APPLICATIONS

Manhole/inspection chambers are an essential part of any sewerage pipeline and are typically required whenever there is a change in direction, diameter or significant change in gradient of the sewerage pipeline. Manhole/inspection chambers are required in domestic, commercial and municipal sewerage networks.

FEATURES

- Pre – fabricated system with benching, shaft, steps and accessories.
- Multiple configuration options in single piece.
- Completely water tight with no filtration or ex – filtration.
- Ultra durable and resistant to corrosion.
- Reduced operating cost - minimal blockages due to hydraulically optimized channels, no infiltration.
- Environment friendly – watertight preventing pollution / low carbon footprint.

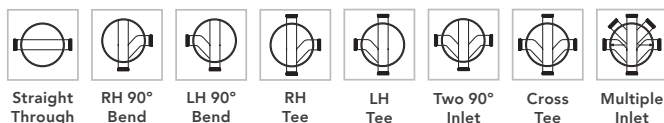
PRODUCT RANGE

Available Size : 31.5 cm (315 mm), 35.5 cm (355 mm) & 45.0 cm (450 mm) with 8 different type of chamber base and with riser and top cover 50.0, 60.0, 80.0 & 100.0 cm (500, 600, 800 & 1000 mm) Chambers/Manholes are available in 5 Inlets base & 3 Inlets base options.

APPROVALS



VARIOUS TYPE OF MODULAR CHAMBER BASES (315 MM & 355 MM)



INSPECTION CHAMBERS & MANHOLE AVAILABLE SIZES

| Sizes cm | Sizes mm | Inlet mm | Outlet mm | Cover mm | Person Entry |
|----------|----------|----------|-----------|----------|--------------|
| 31.5 | 315 | 110 | 110 | 315 | No |
| 35.5 | 355 | 110-160 | 110-160 | 315 | No |
| 45.0 | 450 | 110-160 | 110-160 | 450 | No |
| 50.0 | 500 | 110-160 | 110-160 | 500 | No |
| 60.0 | 600 | 110-250 | 110-250 | 600 | No |
| 80.0 | 800 | 110-250 | 110-250 | 600 | Yes |
| 100.0 | 1000 | 110-315 | 110-315 | 600 | Yes |

FOAMCORE PIPES



MANHOLE, INSPECTION CHAMBERS & ACCESSORIES

