

ASTRAL  
**CHEM**PRO®

**ASTRAL**  
PIPES



**ADVANCED  
CPVC INDUSTRIAL  
PIPING SYSTEM**

## INTRODUCTION

Astral Chem PRO is proven CPVC piping system meeting all challenging application requirements of industrial piping system. ASTRAL CHEM PRO industrial piping system can be used upto 93°C temperature & pressure based on the pipe sizes.

Astral Chem PRO CPVC industrial piping system is suitable for many industrial requirements like metal treating pulp & paper, food & beverages, Industrial waste water, Chemical processing etc.

Astral Poly Technik Limited is the only Indian company manufacturing industrial grade Chlorinated Polyvinyl Chloride (CPVC) Pipes of schedule 40 & 80 and fittings of schedule 80 conforming to ASTM Standards ranging from ½" (15 mm) to 12" (300 mm).

## WIDE APPLICATIONS

Metal treating, Pulp and paper, Food and beverage industry, Industrial waste treatment, Chemical processing, Power sector, Sugar industries, Water treatment plants, Fertilizer, Shipping industries, Mining, Pharmaceutical, Cement industries, Steel industries

## FEATURES

- High temperature resistance
- Easy installation and low installation cost
- Chemical resistance
- External corrosion resistance
- Immunity to galvanic or electrolytic attack
- Freedom from toxicity, odours, tastes
- Corrosion free
- Low friction loss
- Low thermal conductivity

## PRODUCT RANGE

**PIPES:** SCH 40 & 80: 15 mm (½ ") to 300 mm (12") IPS as per ASTM F441

**FITTINGS:** SCH 80: 15 mm (½ ") to 300 mm (12") IPS as per ASTM F439

**VALVES:** ½" to 12" True Union Ball Valves, Butterfly Valves, Diaphragm Valves, NRV as per ASTM F1970

## BASIC USE

ASTRAL CHEM PRO CPVC pipe and fittings are intended for use in both pressure and drain applications in general chemical manufacturing plants, pulp and paper plants, waste water treatment plants, metal treating/electroplating plants, water purification plants, and food processing plants where excellent resistance to corrosion from a wide range of chemicals, acids, and bases at temperatures up to 93°C is required.



## WHY ASTRAL CHEM PRO?

- ASTRAL is pioneer in CPVC piping industry having more than 17 years of expertise in CPVC piping system in india.
- One of the most advanced CPVC industrial piping systems available globally.
- The Compound meets or exceeds the requirement of cell class 24448 against the standard cell class 23447
- Complete product range from 1/2" (15 mm) to 12" (300 mm) with wide range of fittings
- Provides special nonmetallic valves like Ball valve, Butterfly valve, Diaphragm valve, Non return valve. Available both in manual & actuated operational.
- Astral imparts complete knowledge of CPVC piping system including training, installation & after sales service support.
- Dedicated sales-force on industrial systems.

## ADVANTAGES



HIGH TEMPERATURE  
RESISTANCE



EXTERNAL CORROSION  
RESISTANCE



EASY INSTALLATION AND  
LOW INSTALLATION COST



IMMUNITY TO GALVANIC  
OR ELECTROLYTIC ATTACK



CHEMICAL  
RESISTANCE



FREEDOM FROM  
TOXICITY, ODOURS, TASTES



CORROSION  
FREE



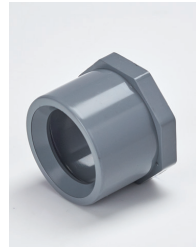
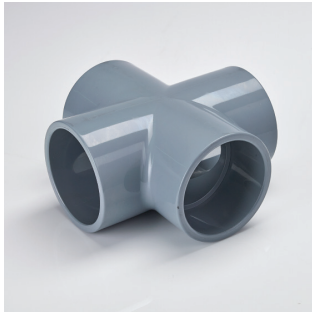
LOW THERMAL  
CONDUCTIVITY



LOW  
FRICTION LOSS



MAINTENANCE  
FREE



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