

**AUTHORISED  
DISTRIBUTOR**



**M/s. PIPE LINKERS, MUMBAI**

is an Authorised Dealer for Industrial Pipes, Fittings & Valves  
till 31<sup>st</sup> March 2025



Sandeep Engineer - Chairman & MD  
Date: 01-01-2023



**Astral Limited** (Formerly known as Astral Poly Technik Limited)  
Registered & Corporate Office: 207/1, 'Astral House', B/h Rajpath Club, off S. G. Highway,  
Ahmedabad - 380059, Gujarat, India. CIN: L25200GJ1996PLCO29134

24, Nagdevi Street, Nakhuda Manzil, 1st Floor, Mumbai - 400003, India.

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www.pipelinkers.net

pipe  linkers

Dealers & Exporters of Agricultural / Industrial Pipes & Fittings

Date : 01.01.2023

Dear Sir/Madam,

In our constant endeavor to broaden and enhance our product lines and provide choice to our customers, We are pleased to share that M/S Pipe linkers , Mumbai have been awarded the distributorship for Astral Pipes, a market leader and fast growing company in industrial piping system.

The distributorship will allow us to offer **Astral CPVC range of fittings for industrial application under the brand name CHEM PRO** and **their most recent product UPVC solvent weld industrial piping system under the brand name Aquarius+**, which are lead free hence non-toxic and easy to install. With our wide customer network in western India, we will be catering to customers in Maharashtra and Goa.

With more than 25 years of experience in understanding and serving customer requirements, Astral range of products supports Pipe linkers in providing you with new generation products which best meets your requirements. We also pride ourselves to be a **total solution provider when it comes to Agricultural and Industrial pipes, fittings, and valves from other leading Indian brands.**

With our deep relationship and focus on service we are a distributor of choice for many leading brands. We look forward for your support and are if you have any query or clarification, you may reach out to us on below contact details

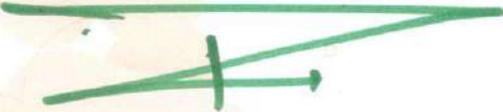
Ms Kavita – Customer Service Executive

Phone No 9819862074

Email: info@pipelinkers.net

Thanks and Regards

Hoozefa Rangwala

  
Proprietor – Pipe Linkers



## ADVANCED CPVC INDUSTRIAL PIPING SYSTEM



CIN NO: L25200GJ1996PLC029134  
Registered & Corporate Office: Astral Limited

207/1, 'Astral House', B/h Rajpath Club, Off S. G. Highway, Ahmedabad - 380059.

Ph: +91-79 6621 2000 | Fax: +91-79 6621 2121 | E-mail: info@astralltd.com | Website: www.astralpipes.com

For Export Inquiries: export@astralltd.com



ASTRAL TOLL FREE  
1800 233 7957

Please get in touch with us between  
10 AM to 6 PM between Monday to Saturday  
except 1<sup>st</sup> & 3<sup>rd</sup> Saturday and Public holidays

SC: PR00000000  
ACP/LT/001  
REV:12/22

## 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 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
- 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" Ball Valves, Butterfly Valves, Diaphragm Valves, Needle Valves, Gate Valves, Globe Valves as per ASTM F1970.

**STRAINERS:** Y strainers, Basket Strainers.

**FLANGES:** 1/2" to 12"- Flange one piece, Blind Flange, Vanstone Flange Two piece (socket & Spigot) as per CLASS 150.

## 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, introduced CPVC in India
- One of the most advanced CPVC industrial piping systems, globally.
- The Compound meets or exceeds the requirement of cell class 24448 against the standard cell class 23447
- Complete product range from ½" (15 mm) to 12" (300 mm) with wide range of fittings
- Provides special non-metallic 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 and has 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

Max. Pressure Rating Of Astral CPVC Chempro Unthreaded Pipe @23°C

Size (inch)	Pressure Rating (kg/cm <sup>2</sup> )													
	½	¾	1	1¼	1½	2	2½	3	4	5	6	8	10	12
Sch-40	42.18	33.75	31.64	26.01	23.20	19.69	21.09	18.28	15.47	13.35	12.66	11.25	9.84	9.14
Sch-80	59.76	48.51	44.29	36.56	33.04	28.12	29.53	26.01	22.50	20.38	19.69	17.58	16.17	16.17

TEMPERATURE DERATING FACTOR - PIPES								
Working Temperature (°F)	78-80	90	100	120	140	160	180	200
Working Temperature (°C)	23-25	32	38	49	60	71	82	93
Pipe Derating Factor	1.00	0.91	0.82	0.65	0.50	0.40	0.25	0.20