

**AUTHORISED
DISTRIBUTOR**



M/s. PIPE LINKERS, MUMBAI

is an Authorised Dealer for Industrial Pipes, Fittings & Valves
till 31st 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

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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

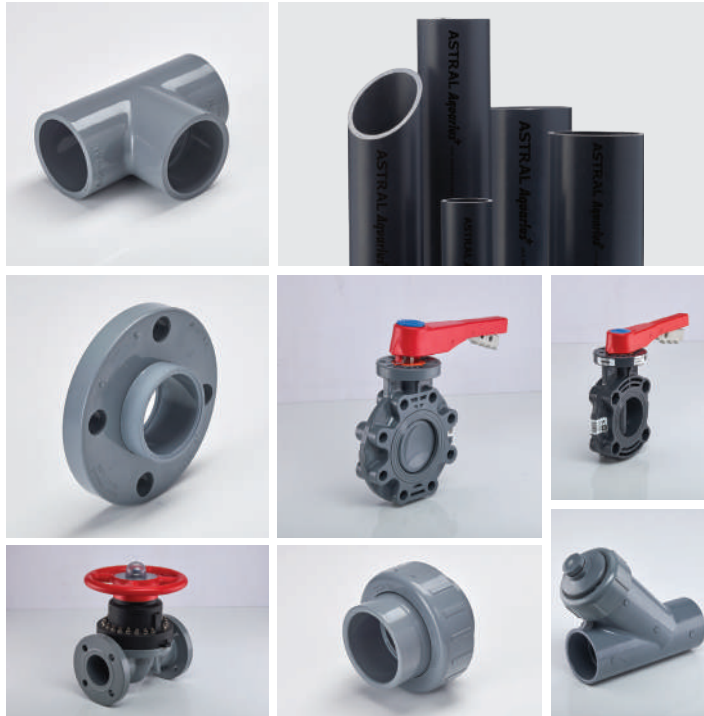
Phone No 9819862074

Email: info@pipelinkers.net

Thanks and Regards

Hoozefa Rangwala


Proprietor – Pipe Linkers



A consumer validated Superbrand in piping category for consecutive 3 years



India's Most Trusted Pipe Brand based on TRA's Brand Trust Report for the 4th time

Power of Desire



India's Most Desired Brand based on TRA's Brand Trust Report 2022



ASTRAL TOLL FREE
1800 233 7957

Please get in touch with us between 10 AM to 6 PM on Monday to Saturday - except 1st & 3rd Saturday and Public holidays



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Authorised Dealer:



AAP/LT/001 | REV:01/2023 SC: PR0700000



uPVC SCH 40 & SCH 80 INDUSTRIAL PIPING SYSTEM





uPVC SCH 40 & SCH 80 INDUSTRIAL PIPING SYSTEM

INTRODUCTION

Astral have been relentless in its commitment to quality and service. Through the years, Astral have broadened and enhanced its product line to serve better to the customers. Astral was first to introduce CPVC pipes and fittings in Indian market and now repeating its tradition, Astral is very proud to have Lead Free ASTM PVC Solvent Weld Industrial Piping System under the brand name Aquarius+. Astral Aquarius+ ASTM PVC pipes and fittings are Lead Free and hence non toxic, easy to install and are made for life time trouble free service. Astral Aquarius+ pipes and fittings are available in range of 15 mm (1/2") to 300 mm (12") with two different class SCH 40 and SCH 80 respectively.

As the full line leading manufacturer of CPVC pipes and fittings for residential and industrial applications and also with ASTM PVC pressure pipes and fittings, Astral can be your one stop source for all the plastic piping system you require for lifetime plumbing solution.

KEY PROPERTIES

The key properties of Astral Aquarius+ high pressure Lead Free Industrial Piping System are significant with following features :

-  **STRONG AND LIGHT WEIGHT**
-  **MAXIMUM FLOW RATE**
-  **FIRE RESISTANT**
-  **CHEMICAL RESISTANCE**
-  **DURABLE**
-  **WIDE RANGE**
-  **EASY TO INSTALL**
-  **GOOD INSULATOR**
-  **UV STABILIZED**
-  **SAFE MATERIAL FOR DRINKING WATER**
-  **SIMPLE AND LEAK PROOF JOINTS**

BENEFITS OF ASTRAL AQUARIUS+ SYSTEM OVER OTHER UPVC SYSTEMS

Astral Aquarius+ uPVC pipes being lead free are non-toxic and hence favoured for use in applications such as potable water pipes.

Astral Aquarius+ uPVC Industrial Piping System utilizes NSF (National Sanitation Foundation) approved one - step solvent cement, specifically formulated for the use. Joining is accomplished quickly and efficiently utilizing inexpensive tools thereby greatly reducing labor and installation costs.

Astral Aquarius+ uPVC solvent joint Industrial Piping System makes its pressure bearing capacity twice than that of the threaded pipe.

Astral Aquarius+ uPVC pipes & fittings exhibit the well-known physical characteristics and other benefits of conventional PVC piping such as good chemical and corrosion resistance, low thermal conductivity, high strength-to-weight ratio, good impact resistance and ease of installation.



FIELDS OF APPLICATION

- METAL TREATING
- POWER SECTOR
- MINING
- PULP AND PAPER
- STEEL INDUSTRIES
- SHIPPING INDUSTRIES
- FERTILIZER
- SUGAR INDUSTRIES
- CHEMICAL PROCESSING
- WATER TREATMENT PLANTS

PRODUCT RANGE

PIPES: SCH 40 & 80: 15 mm (1/2") to 300 mm (12") IPS as per ASTM D1785

FITTINGS: SCH 80: 15 mm (1/2") to 300 mm (12") IPS as per ASTM D2467

VALVES: 15 mm(1/2") to 300 mm(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.

Max. Pressure Rating Of Astral Aquarius+ Unthreaded Pipe @23°C

	Pressure Rating (kg/cm ²)													
Size (inch)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
Sch-40	42.19	33.75	31.64	26.01	23.20	19.69	21.09	18.28	15.47	13.10	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	20.00	19.69	17.57	16.17	16.17

TEMPERATURE PRESSURE DE-RATING FACTOR

The Operating Pressure Of Pvc Pipe Will Be Reduced As The Operating Temperature Increases Above 23° C (73° F). To Calculate This Reduction, Multiply The Operating Pressure With The Correction Factors Shown Below At A Operating Temperature Of System:

Operating Temp. °C (F)	23° (73)	23° (73)	32° (90)	38° (100)	43° (110)	49° (120)	54° (130)	60° (140)
PVC	100%	90%	75%	62%	50%	40%	30%	22%