



\*Zero defect manufacturing process

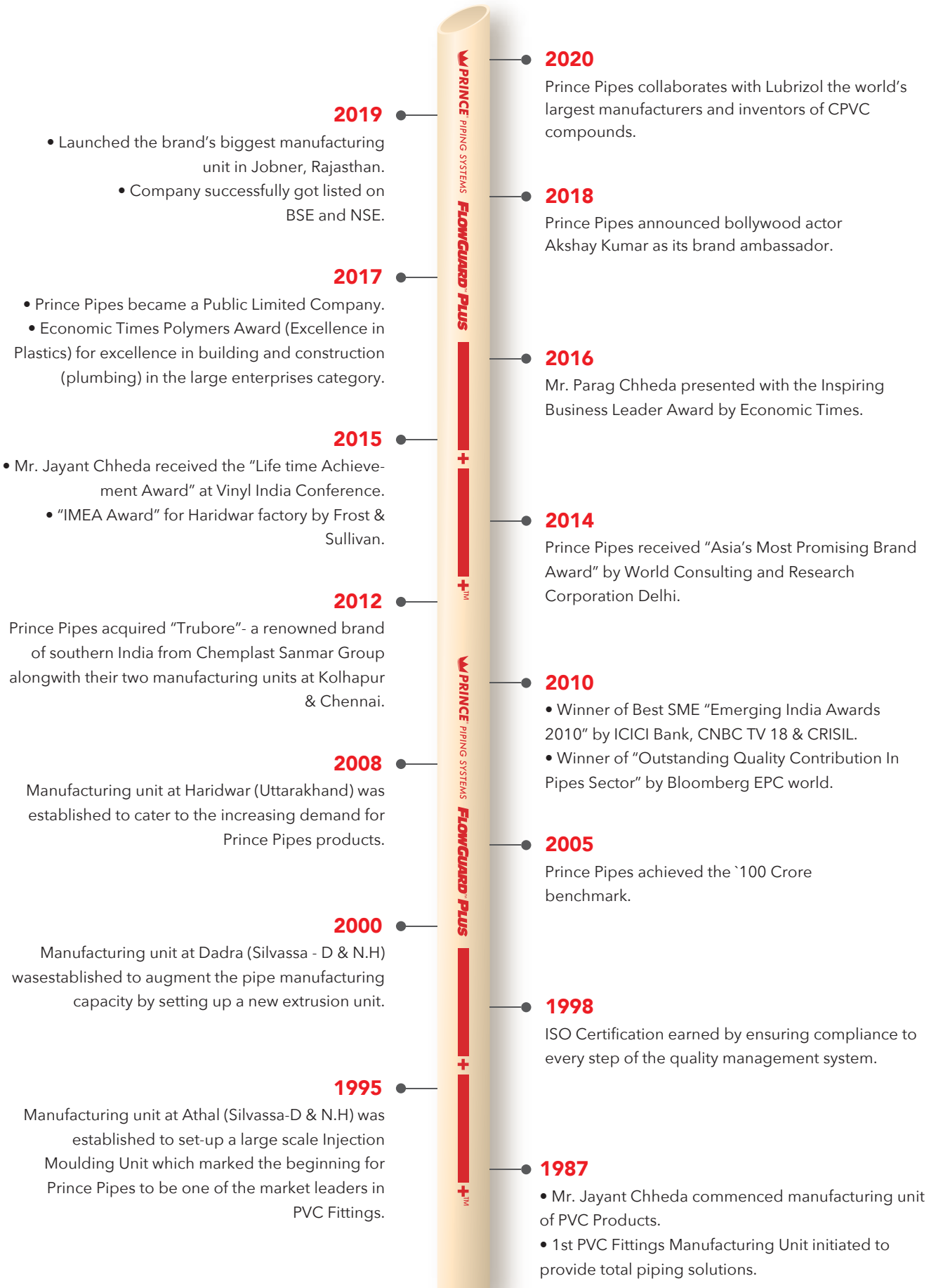


# ZERO DEFECT CHOICE

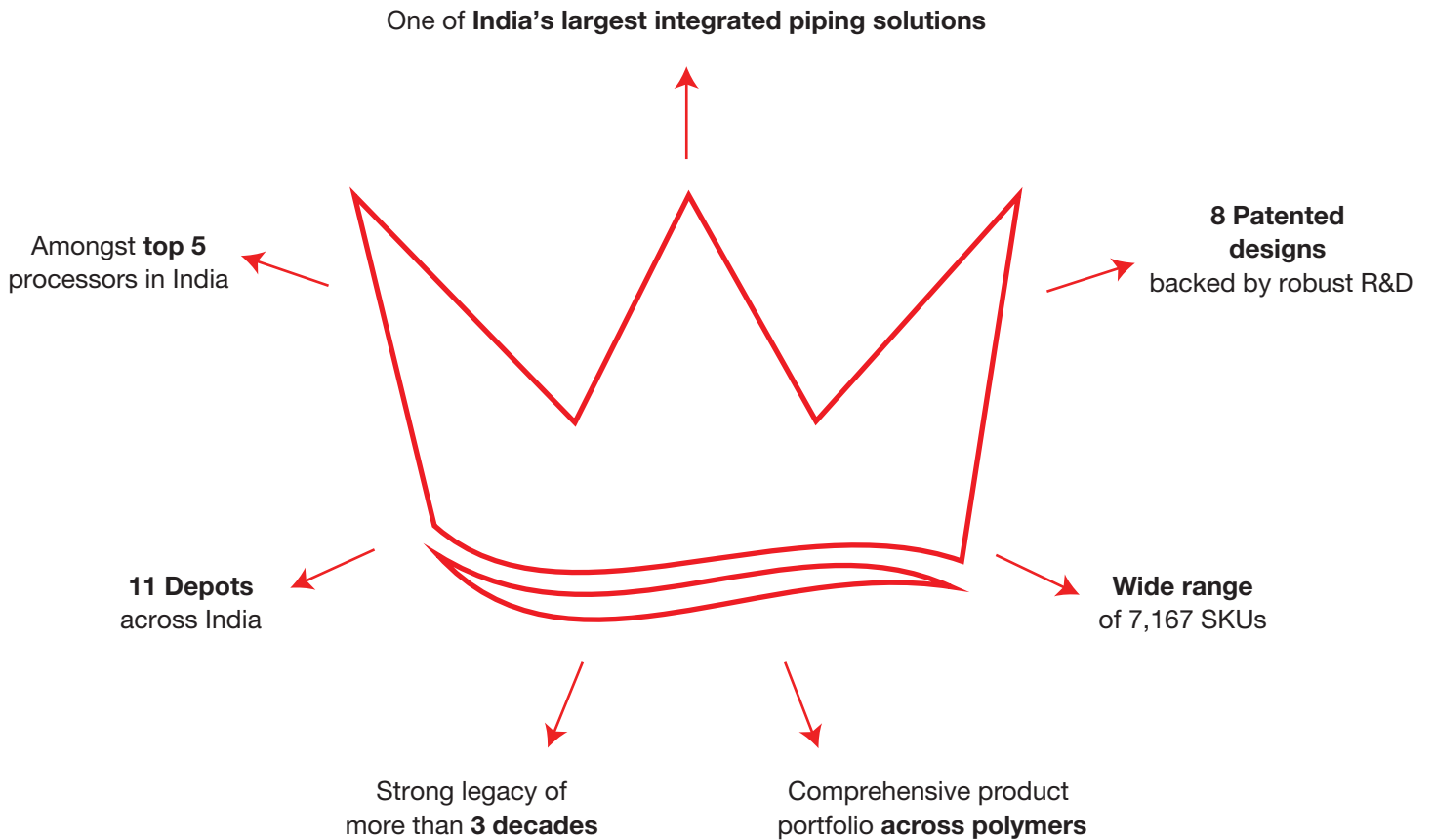


**Product Catalogue**

# THE JOURNEY



## COMPANY OVERVIEW



### RECENTLY VENTURED INTO STORAGE WATER TANKS AND PIPE DUCTING SOLUTIONS



#### TECHNICAL COLLABORATION



#### PRODUCT COLLABORATION





*Shu + Pray's  
Akshay*

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AKSHAY KUMAR

## Celebrating the unsung heroes with the world's first plumber song

Plumbers are an integral part of our industry and therefore, deserve recognition for the same. So, we at Prince, decided to pay a special tribute to our plumber friends we fondly refer to as '**Mitra**'.

*Therefore, the first Plumber Anthem ever -*

*Ji ji kar ke baat karo,  
hum toh plumber hain...*

The song first originally released on the occasion of **World Plumbing Day (2018)** in Hindi, got an overwhelming response the moment it went online. The fact that it instantly became a popular caller tune in the plumber community made it even more special. And this year, it's touching many more plumbers across the nation with its various regional versions. We hope this Zero Defect chain keeps growing with every passing year.



# Manufacturing Units

State-of-the-art manufacturing units producing piping systems

**Dadra**  
(Silvassa) Year of Est. 2000



**Athal**  
(Silvassa) Year of Est. 1995



**Kolhapur**  
(Maharashtra) Year of Est. 2012



**Haridwar**  
(Uttarakhand) Year of Est. 2008



**Chennai**  
(Tamil Nadu) Year of Est. 2012



**Jaipur**  
(Rajasthan) Year of Est. 2019



**Sangareddy**  
(Telangana) Year of Est. 2021



**INDUSTRIAL**



**BLUE GREENFIT®**

**PP-R Compressed Air  
Piping Systems**

**A ZERO DEFECT SOLUTION FOR  
COMPRESSED AIR APPLICATIONS**



Pipes as per  
IS 15801



Fittings as per  
DIN 16962

## Overview

Compressed air, one of the major sources of industrial energy is being used increasingly in manufacturing and process industries. Modern process equipment, pneumatic controls and instruments need clean and uncontaminated air supply for their smooth functioning. So, what we need is a new-age solution for compressed air and vacuum lines. This piping is given international colour code "Blue Colour" for air transmission. Blue Greenfit industrial piping systems are made of Polypropylene Random Copolymer suitable for air compressors, Instrumentation air, Vacuum & Nitrogen supply. Blue Greenfit is at par with global industry standards and is ideal for pneumatic applications.

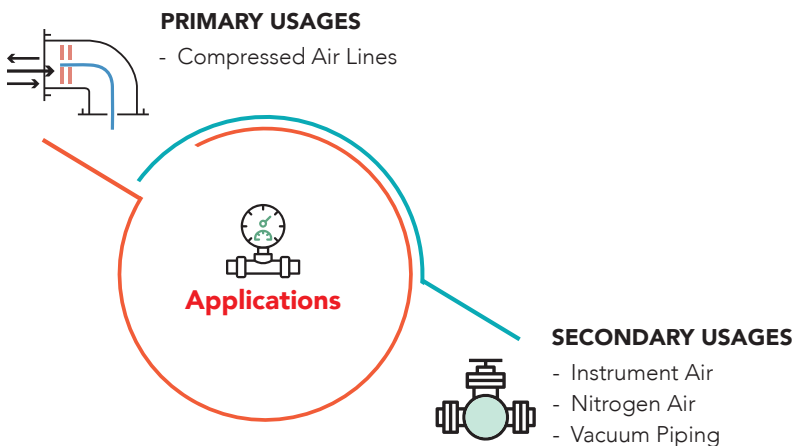
## Product range

- **Pipes:** 20 to 160 mm as per PN 10 & PN 16 PN 20
- **Fittings:** 20 to 160 mm as per PN 20 & PN25

## Standards

Pipes				
Size (mm)	Working Pressure (Kg/cm <sup>2</sup> )	Standard	Colour	End Connection
20 to 160	10, 16 & 20	IS: 15801	Triple layer pipe - Outer layer in Blue Inner layer in White	Poly-fusion welding joint

Fittings				
Size (mm)	Working Pressure (Kg/cm <sup>2</sup> )	Standard	Colour	End Connection
20 to 160	20 & 25	DIN:16962	Blue	Socket ends suitable for poly-fusion welding. For transition joints, fittings with threaded metal inserts.



## Features and benefits

- Can withstand operating temperatures from -20°C to 95°C
- UV resistant triple layered pipes are suitable for outdoor installations that are exposed to direct sunlight
- Heat-fusion jointing results in homogenous plastic system ensuring leak-proof joints
- These joints are better than the conventional metal and aluminium joints
- Smooth inner surface, ensuring least friction for the flowing air
- Negligible creation of moisture leading to corrosion free pipes
- Low thermal conductivity

**Application note:** Insulation is necessary at Sub Zero Temperature.

## Dimensions

Nominal Size (Outside Diameter)	Wall Thickness		
	SDR 11 (PN 10)	SDR 7.4 (PN 16)	SDR 6 (PN 20)
(mm)	(mm)	(mm)	(mm)
20	1.90	2.80	3.40
25	2.30	3.50	4.20
32	2.90	4.40	5.40
40	3.70	5.50	6.70
50	4.60	6.90	8.30
63	5.80	8.60	10.50
75	6.80	10.30	12.50
90	8.20	12.30	15.00
110	10.00	15.10	18.30
160	14.60	21.90	26.60



# Prince Zero Defect Network



## **PRINCE PIPES AND FITTINGS LIMITED**

Mfg. & Exporters of UPVC, CPVC, PPR & HDPE Pipes, Fittings, Valves & Water Tanks

**Disclaimer:** All information contained in this manual is given in good faith and believed to be accurate and reliable. No responsibility can be accepted for any error, omissions or incorrect assumptions. Any specification can change without prior notice. All the images are shown for representation purposes only.