

AN ISO 9001:2015 CERTIFIED COMPANY



# POLYCARE<sup>®</sup>

Suraksha Ki Layer



*Your Quality Assurance...*

IS : 9537



PART-III-1983  
CM/L-9512492017

# ABOUT US

Welcome to **Polycare Pipes India Private Limited**, where excellence is our commitment. As an **ISO 9001:2015 certified company**, we pride ourselves on delivering top-tier quality with our **ISI Quality Certified** pipes.

Our cutting-edge machinery and advanced lab ensure each product meets rigorous standards, offering a clean finish and unwavering quality.

What sets **Polycare Pipes** apart is our dedication to providing unmatched quality in the value-for-money price. We never compromise on standards, conducting rigorous testing and embracing innovation to consistently exceed industry expectations. With a focus on leveraging the latest technology, we aim to enhance market offerings and provide a unique, superior experience for our customers



## Vision & Mission

**Vision-** Our vision is to lead the manufacturing landscape of PVC products while establishing ourselves as the go-to brand for fulfilling diverse piping needs.

**Mission-** We are dedicated to delivering the highest quality pipes, fittings, and accessories that seamlessly bridge the gap between innovation and reliability.

# DIRECTOR'S MESSAGE

At Polycare Pipes, our journey commenced with a resolute commitment to quality, and it's this very commitment that continues to drive us forward. We set our sights on becoming a recognized name, not just in the Delhi NCR Region, but across the entire nation.

Our initial offering, the Rigid uPVC Pipes, served as a testament to our dedication to excellence. With each passing day, we raised the bar higher, unwavering in our pursuit of quality and innovation.

As we tread on this path of progress, we're excited to unveil our latest offerings - uPVC conduit fittings and accessories. These additions to our product range mirror the same exacting standards that define us, a testament to our unwavering commitment to quality.

But our journey doesn't end here. We're venturing beyond, diversifying into new domains like agriculture, plumbing, public drainage, and water supply systems. Our mission remains crystal clear - to provide solutions that not only meet but exceed expectations.

Our goal is to take the Polycare brand pan India, ensuring that every product we deliver reflects the same hallmark of quality that has become synonymous with our name.



PANKAJ GARG  
Managing Director

# POLYCARE'S 7 Commitments



## ADVANCED MACHINERY, SUPERIOR QUALITY

We employ cutting-edge machinery to ensure the highest standards of product quality.



## STRINGENT EXAMINATION OF RAW MATERIALS

Every raw material undergoes a thorough inspection to guarantee excellence from the start.



## TIMELY DELIVERIES

We pledge to prioritize timely deliveries, ensuring our channel partners can meet customer demands without delays.



## QUALITY CHECKS AT EVERY PRODUCTION LEVEL

Our commitment to quality includes checks at every stage of production, maintaining consistency.



## LAB TESTING FOR EVERY PRODUCT BATCH

Each product batch undergoes rigorous lab testing to meet and exceed industry standards.



## REGULAR EXTERNAL LAB TESTING

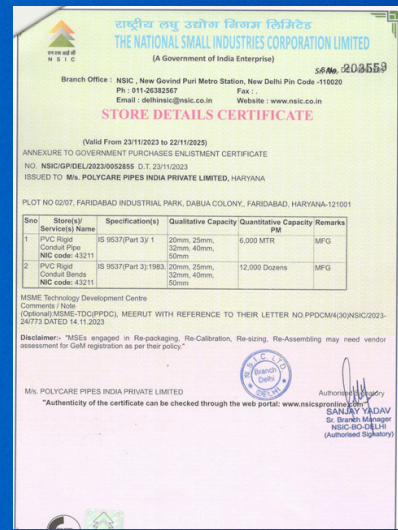
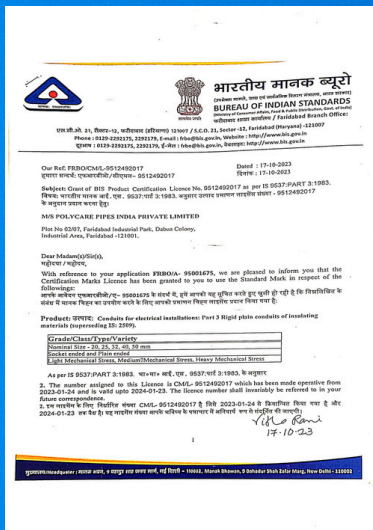
In addition to our internal checks, we ensure external lab testing for an unbiased assessment.



## TOP-NOTCH CUSTOMER SUPPORT

Our dedicated customer support team is always ready to assist you, providing unparalleled service.

# CERTIFICATIONS OF TRUST & QUALITY



ISI

Zed

NSIC



Startup India



ISO

# uPVC

## CONDUIT PIPES

Polycare uPVC Conduit Pipes are made of the best PVC resin, these pipes are used to carry/cover electric wires in residential and commercial places.

### **Technical Features**

#### **Mechanical Strength**

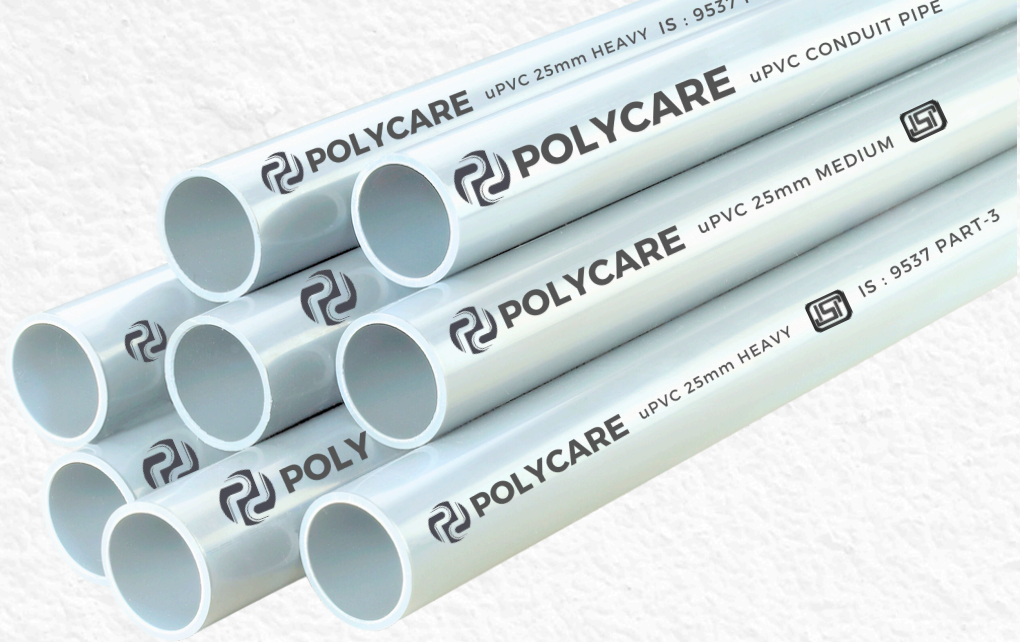
- Excellent resistance to crushing
- High impact strength
- Excellent elastics and plastics properties in compression
- Excellent rigidity
- High order flexibility In bending

#### **Salient Features**

- Weather Proof
- Fire Retardant
- Non - Toxic
- Hygienic
- Higher Mechanical Strength
- Light Weight
- Easy Installation
- Long Life
- Much economical as compared to G.I & C.I. Pipes.

#### **Standard Packing of Different Sizes:**

20 mm = 120 mtrs (40 pcs \* 3 mtrs)  
25 mm = 075 mtrs (25 pcs \* 3 mtrs)  
32 mm = 045 mtrs (15 pcs \* 3 mtrs)  
40 mm = 030 mtrs (10 pcs \* 3 mtrs)  
50 mm = 024 mtrs (08 pcs \* 3 mtrs)



## PIPE DIMENSIONS

O.D./I.D. CHART FOR RIGID PVC CONDUIT PIPES WITH IS : 9573 (3) MARKED

Nominal Size (mm)	Outside Diameter (mm)	Tolerance on OD (mm)	Minimum Internal Diameter (mm)		
			LIGHT	MEDIUM	HEAVY
20	20	-0.3	17.4	16.9	15.8
25	25	-0.4	22.1	21.4	20.6
32	32	-0.4	28.6	27.8	26.6
40	40	-0.4	35.8	35.4	34.4
50	50	-0.5	45.1	44.3	43.2

Available Colours:



# QUALITY CHECKS

## TECHNICAL DATA

### Mechanical Properties

- Percentage of Compression with specified load less than 25%
- Percentage of Compression without load less than 1 0%
- High Impact Strength
- Tensile Strength – 390-420 Kg/cm<sup>2</sup>

### Electrical Properties

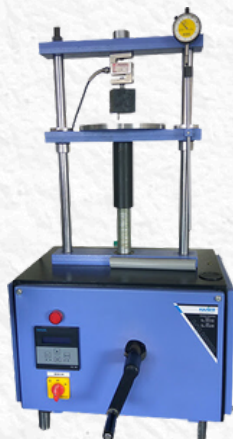
- Dielectrical Strength = 36 Kv/mm
- Specific resistance = 6.1x10<sup>14</sup> ohm cm
- Electric Strength = No breakdown at 2 Kv x50 hz. for 15 minutes

### Thermal Properties

- Burning rate = Self Extinguishing
- Flammability = UL94V-0
- Flame Die out Time = Less than 30 seconds



IMPACT TEST



COMPRESSION TEST



BEND TEST



# uPVC CONDUIT PIPES BENDS



## Salient Features

- Highly durable
- Abrasion resistant
- Used for joining conduits
- Fine finish
- Easy to install
- Uniform thickness
- Branding on each bend

**POLYCARE CONDUIT BENDS CHART**

SIZE OD (mm)	TYPE	STANDARD PACK
20	MMS	3 X 12 PCS
25	MMS	2 X 12 PCS
25	HMS	2 X 12 PCS
32	MMS	1 X 12 PCS
40	HMS	1 X 12 PCS
50	MMS	1 X 12 PCS

# PVC

## CASING-CAPPING

**Polycare PVC Casing & Capping:** Elevate wire management with our innovative double locking system and sleek, clean fine design for a seamless blend of security and aesthetics.

### Technical Features

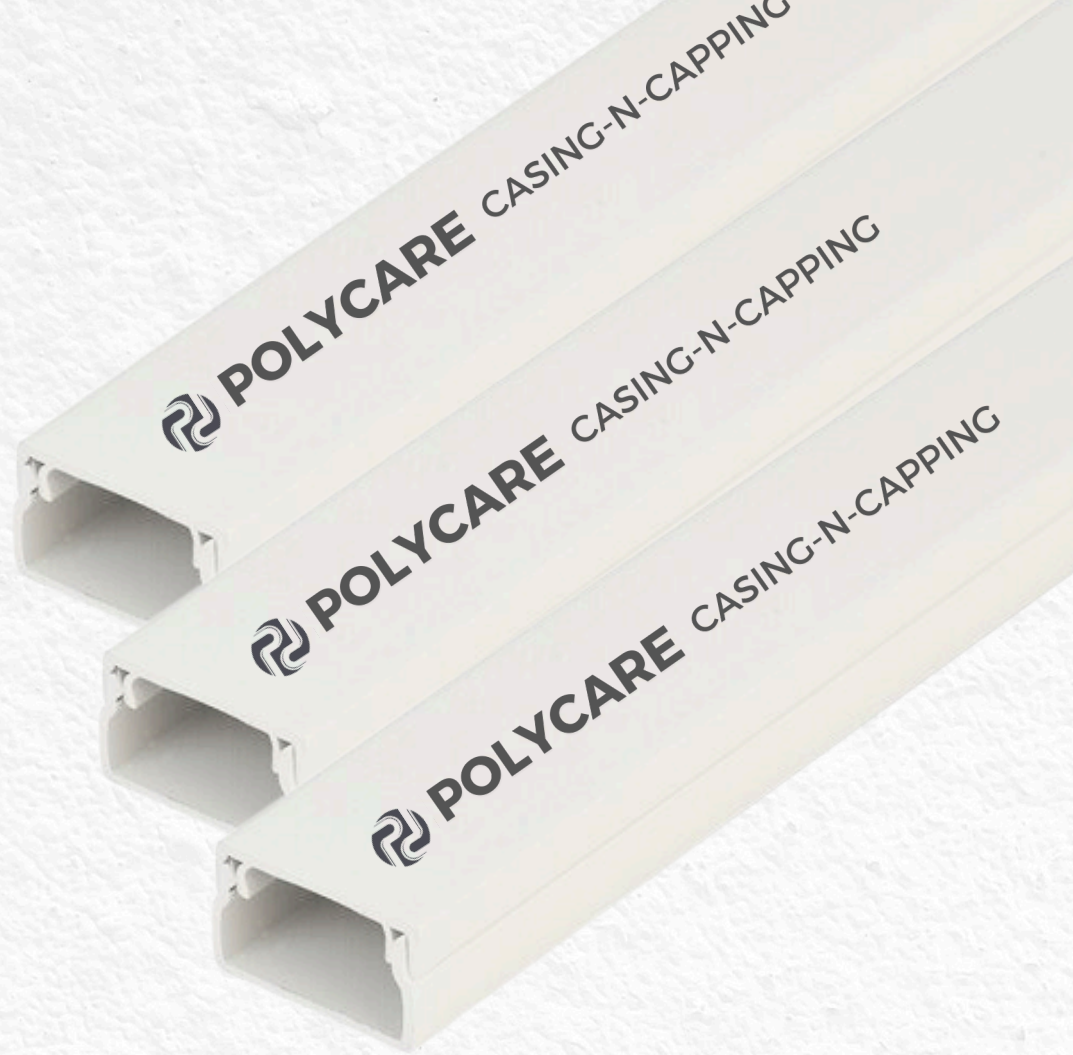
#### Mechanical Strength

- Clean Laser Printing
- Secure & Firm Double Locking
- Greater Cross-Sectional Area
- Easy-to-use & Quick-to-install

#### Salient Features

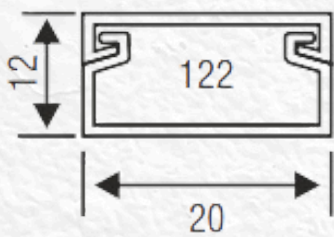
- Fire-Retardant
- Shock-Proof
- Higher Durability
- Trouble-Free Rewiring
- Greater Wall Thickness and Stronger Locking System
- Processed with Premium Raw Materials
- Improved Strength, Glossy Finish, Durability, Toughness, and Style

POLYCARE CASING-N-CAPPING	
Standard Size (MM)	Quantity (Pcs.)
20*12	200 Pcs.
25*16	120 Pcs.
30*15	100 Pcs.

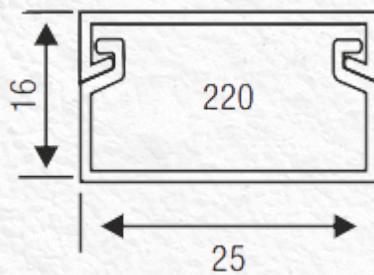


## PVC CASING-CAPPING SIZES & DIMENSIONS

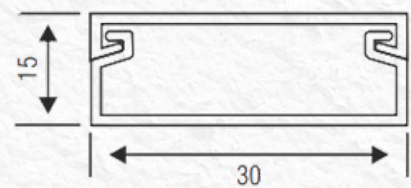
20 x 12 MM



25 x 16 MM



30 x 15 MM



**Push-fit lock also assures easy maintenance.**

# FLEXIBLE CORRUGATED PIPES

Engineered for Toughness,  
Designed for Flexibility.

Introducing **Polycare Corrugated Flexible Conduit Pipes** – designed for superior flexibility, durability, and easy installation. Perfect for protecting your wiring in any environment, these pipes offer unmatched strength and reliability.

## KEY FEATURES



**High Flexibility**



**Easily Stretchable**



**High Impact Resistance**



**Weather & UV Resistance**



# FLEXIBLE CORRUGATED CONDUIT PIPES

Engineered for Toughness, Designed for Flexibility.

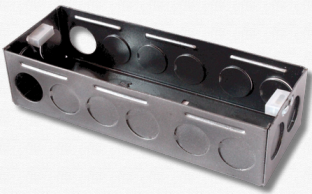
S. No.	SIZE OD (mm)	COLOUR	STANDARD PACK
1	20	WHITE/BLACK	21 X 30 MTR
2	20	GREY	21 X 30 MTR
3	25	WHITE/BLACK	15 X 30 MTR
4	25	GREY	15 X 30 MTR
5	32	WHITE/BLACK	12 X 30 MTR
6	32	GREY	12 X 30 MTR

## POLYCARE CORRUGATED FLEXIBLE CONDUIT PIPES CHART

Size O.D. (mm)	Nominal Diameter (mm)	Maximum Outside Diameter (mm)	Tolerance on Outside Diameter (mm)	Minimum Inside Diameter (mm)	Length of Coil (in Mtr)
20	20	20	-0.3	14.1	50
25	25	25	-0.4	18.3	30
32	32	32	-0.4	24.3	25



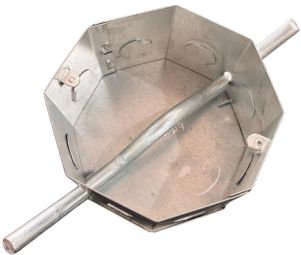
# COMING SOON



## **NOVEMBER**

### *G.P.S.P MODULAR BOXES*

Crafted from GPSP sheet with, ensuring longevity and resistance to corrosion.



## **DECEMBER**

### *FAN BOXES*

Experience secure and sturdy installations with Polycare Fan Boxes.

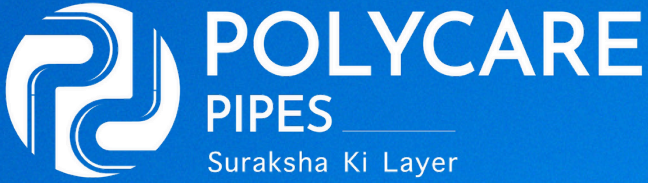


## **DECEMBER**

### *CONCEALED BOXES*

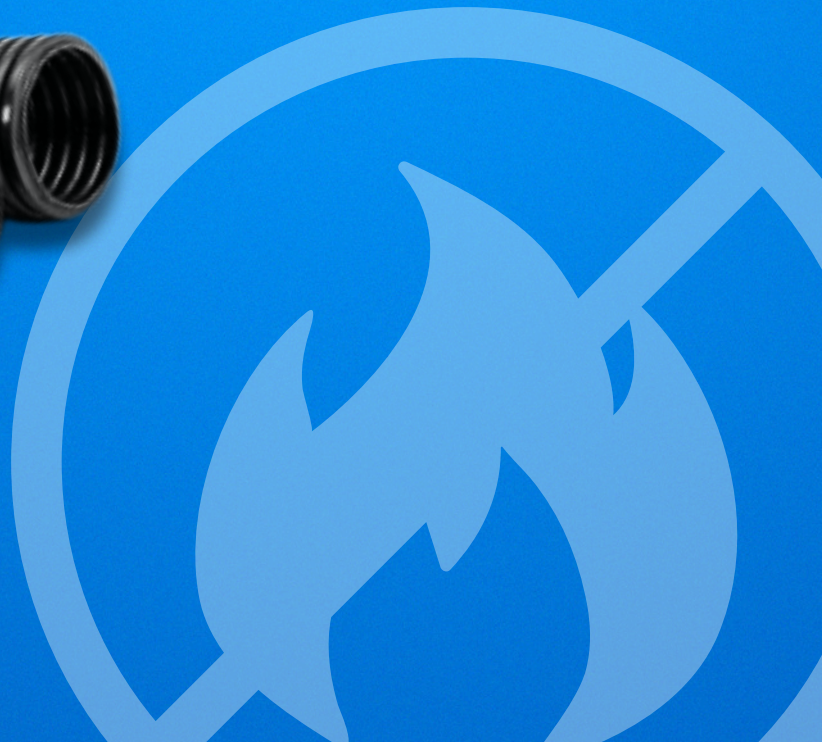
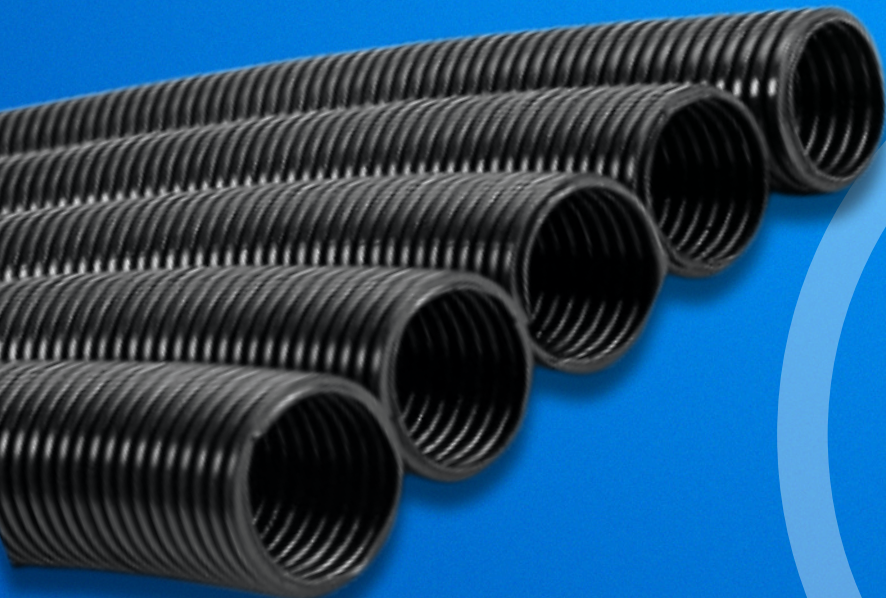
Discover durability and seamless design with Polycare Concealed Boxes.

**COMING  
SOON**



# POLYCARE **FLAME GUARD**

Fire-Retardant Low-Smoke  
Rigid & Flexible Conduit Pipes



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**PIPES**  
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