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## **PLASTIC CYLINDRICAL MOULD AZA1127**

The AZA1127 Polyurethane Cylindrical Mould Series is a high-performance, precision-engineered solution for casting standard concrete cylinder specimens used in compressive strength and durability testing.

Manufactured from premium-grade polyurethane, these moulds offer exceptional rigidity, impact resistance, and long-term dimensional stability, making them a superior alternative to conventional plastic and metal moulds.

With a one-piece seamless construction, the AZA1127 eliminates assembly requirements and prevents leakage during casting, ensuring consistent, high-quality specimen preparation for both laboratory and field applications.



### **Key Features**

- Premium Polyurethane Construction – High strength and durability
- One-Piece Seamless Design – No assembly, no leakage
- Excellent Vibration Resistance – Maintains shape during compaction
- Smooth Non-Stick Interior – Easy and clean demoulding
- Lightweight & Portable – Ideal for site and lab use
- Reusable Design – Long service life across multiple test cycles
- Corrosion-Free – Suitable for aggressive and humid environments
- Multiple Demoulding Options – Air pressure, water pressure, or manual release

### **Standards Compliance**

- IS 10086 – Concrete test specimen moulds
- ASTM C470 – Cylindrical moulds for concrete testing
- BS EN 12390-1 – Shape, dimensions, and requirements for specimens



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### TECHNICAL SPECIFICATIONS

Feature	Specification
Model	AZA1127
Product Type	Cylindrical Concrete Mould
Material	Premium-grade polyurethane
Construction	One-piece seamless design
Sizes Available	150×300 mm / 100×200 mm
Surface Finish	Smooth, non-stick
Demoulding Method	Manual / air pressure / water pressure
Reusability	Yes
Vibration Resistance	Excellent
Compliance	IS 10086, ASTM C470, BS EN 12390-1

### MODEL AVAILABLE

Model No.	Size	Material	Weight
AZA1127A	150 mm × 300 mm	Polyurethane	1.65 kg
AZA1127B	100 mm × 200 mm	Polyurethane	0.90 kg