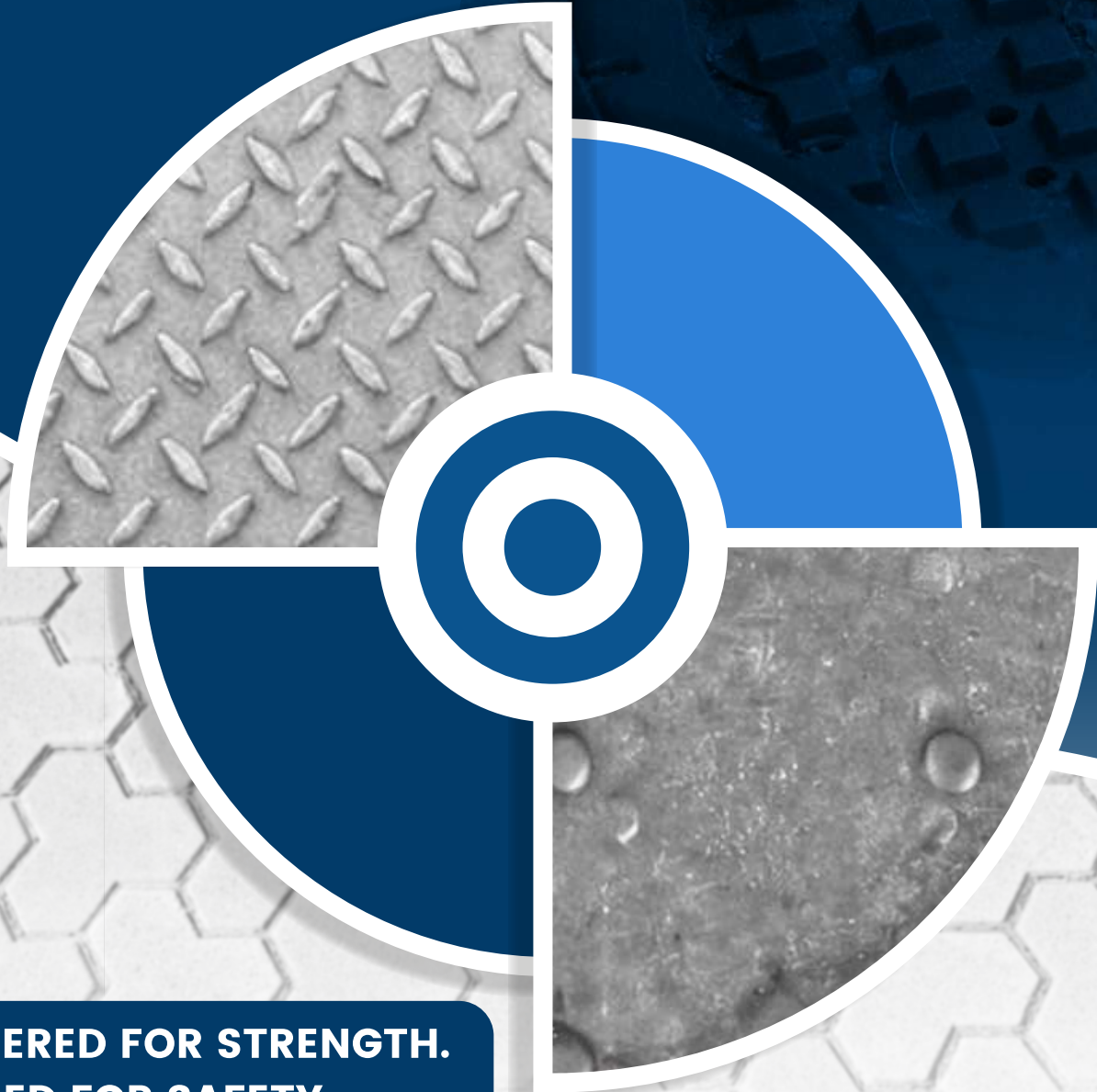




A.V. Plastic Equipments Pvt. Ltd.
(An ISO 9001:2015 Certified Company)

MANHOLEX™

ADVANCED COMPOSITE MANHOLE COVERS



**ENGINEERED FOR STRENGTH.
DESIGNED FOR SAFETY.
BUILT FOR LONGEVITY.**

High-performance composite manhole covers designed to replace traditional concrete and cast iron with a smarter, corrosion-free solution for modern infrastructure.



 info@avplastics.org

 www.avplasticequipments.com

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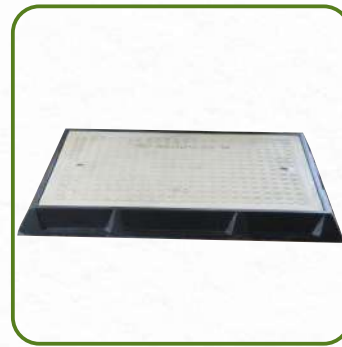


FRP

MANHOLE COVER

At A.V. Plastic Equipments Pvt. Ltd., we manufacture premium-quality MANHOLEX™ FRP Manhole Covers using advanced fiberglass-reinforced composite technology.

Our range includes:



Designed for superior durability and long service life, these covers offer:

- High strength with lightweight construction
- Zero corrosion performance
- Easy handling and installation
- Long-term reliability in harsh environments
- Available in circular, square, and rectangular designs, with customizable sizes and load capacities.

KEY APPLICATION AREAS



Municipal Infrastructure

Drainage systems, sewer lines, inspection chambers.



Roadways & Highways

Medium to heavy traffic zones.



Residential & Commercial Projects

Housing societies, malls, office complexes.



Industrial Facilities

Chemical plants, refineries, manufacturing units.



Utility & Energy Sectors

Telecom, electrical chambers, utility networks.



WHY MANHOLEX™?



Advanced composite construction for long-term performance



Designed for Indian environmental and load conditions



Maintenance-free and cost-effective



Aesthetic, safe, and theft-resistant

LOAD CAPACITY + SIZES + INSTALLATION

LOAD CAPACITY (AS PER EN 124 STANDARDS)

A15	(15 KN / 1.5 TON)	PEDESTRIAN AREAS, FOOTPATHS, GARDENS, CYCLE TRACKS
B125	(125 KN / 12.5 TON)	CAR PARKING AREAS, RESIDENTIAL DRIVEWAYS, LIGHT VEHICLES
C250	(250 KN / 25 TON)	ROADSIDE GUTTERS, KERBSIDE CHANNELS
D400	(400 KN / 40 TON)	MAIN ROADS, HIGHWAYS, INDUSTRIAL AREAS
E600	(600 KN / 60 TON)	INDUSTRIAL YARDS, DOCKS, AIRPORTS (VERY HEAVY LOADS)

FRP COVERS ARE ENGINEERED TO HANDLE VARYING LOADS WHILE MAINTAINING STRUCTURAL INTEGRITY AND SAFETY.

STANDARD SIZES AVAILABLE

SQUARE



600 X 600 MM

RECTANGULAR



450 X 900 MM
600 X 900 MM

CIRCULAR



600 MM

GULLY GRATINGS



300 X 300 MM
450 X 450 MM



(Custom sizes available on request)



INSTALLATION GUIDELINES



Ensure full frame support from all sides



Proper leveling with surrounding concrete is essential



Avoid point loading on unsupported edges



Follow recommended installation practices for maximum life

FEATURES



Corrosion Resistant
No rusting even in harsh environments



Lightweight & Durable
Easy handling with high impact strength



High Load Bearing Capacity
Suitable for all duty classes



Anti-Theft / Zero Scrap Value
Non-metallic composition



Non-Conductive & Safe
Ideal for electrical applications



Weather & UV Resistant
Performs in extreme conditions



Anti-Slip Surface
Enhanced safety

MATERIAL COMPOSITION



Resin System
UV-stabilized high-grade polyester resins



Reinforcement
E-glass fiber (mat, roving, fabric)



Surface Layer
Chemical-resistant protective layer



Additives & Fillers
Enhanced strength, durability, and finish

ADDITIONAL ADVANTAGES



No maintenance or repainting required



Longer life than metal or concrete



Environment-friendly solution



Custom branding options available



Unit no-1

A - 264, MIDC, Opp. Patni Computers, Off. Shilphata Road, Mahape, Navi Mumbai – 400701.

Unit no-2

K-8/1, MIDC, Additional Ambernath, Anand Nagar, Ambernath (E) – 421506.



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