



HINDUSTAN PIPE
SALES CORPORATION



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HINDUSTAN PIPE SALES CORPORATION

We are pleased to introduce ourselves as a complete solution provider and leading supplier of the piping systems which will be use for Water supply distribution and Drainage Network (internal and External both). We are working in the same field from last 3 decades and having vast experience regarding the handling of water transportation system via piping network. We also upgrade ourselves time to time with new products and technologies as per the need of consumer.

We are the Chennel Partner for the following industries:-



GERMANY



GERMANY



GERMANY



ISREAL



BELGIUM



INDIA



INDIA



INDIA



INDIA

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Wavin AS+

Low Noise Drainage System

Wavin AS+ is a mineral reinforced polypropylene (PP) low noise soil and waste solution. (EN12056, EN1451, DIN4109, DIN1409, EN14366) A unique material composition for improved noise performance. Optimal sound reduction is guaranteed due to high density of material. Optimized three layer pipe structure for low noise levels push fit connections with a pre-lubricated elastomer seal (EPDM) for quick, easy and reliable installation.

Material

Polypropylene, mineral (**ASTOLAN**)-reinforced.

Physical Properties

Density	:	~ 1.9 g/cm ³
E-Modul	:	~ 1800 N/mm ²
Linear coefficient of thermal expansion	:	~ 0.06 mm/mK
Reaction to fire	:	DIN 4102, B2 and EN13501 D-S3, d0
Temperature	:	Short-time load by 95°C and 90°C long- term stress
Acoustic Properties	:	~11dB(A) at 2 l/s discharge & 16dB(A) at 4 l/s discharge as per VDI 4100
Chemical Resistance	:	PH-2 to PH-12

Colour

Light grey RAL7035

Pipe data

DN	d1)	di2)	s3)
50	50	44	3,0
70	75	68	3,5
90	90	80,8	4,6
100	110	99,4	5,3
125	125	114,4	5,3
150	160	148,8	5,6
200	200	188	6,0

- 1) Outside diameter in mm (d1)
2) Inside diameter in mm (di2)
3) Wall thickness in mm (s3)

Marking

Wavin AS+, nominal width, date, certification mark, material, fire class Example: Wavin AS+, DN100, date, Z.-42.1-569, mineral-reinforced PP Ü DIN 4102, B2



Wavin Si-Tech+

Low Noise Soil & Waste Drainage

Field of application Wavin SiTech+ meets system requirements for soil & waste discharge systems (EN 1451-1), including noise reduction and fire resistance (EN 13501-1). The emitted noise level of SiTech+ is measured by the Stuttgart Fraunhofer Physical Constructions Institute (DIN EN 14366).

Wavin SiTech+ is the ideal solution for installation in multistorey building and those that are particularly sensitive to noise like apartment buildings, hotels, offices, hospitals, elderly homes and libraries. Wavin SiTech+ can be used for water discharge at temperatures up to 90°C, with peaks of to 95°C for short periods. It can also be used at low temperatures up to -20°C. This durability makes it an ideal solution for extreme-temperature drainage areas such as kitchens, laundromats and industrial waste environments.

Diameter DN/OD (MM)	Thickness (MM)	Socket (MM)	Class Length
32	1,8-2,2	43	S16
40	1,8-2,2	45	S16
50	1,8-2,2	47	S16
75	2,6-3,1	53	S14
90	3,1-3,7	57	S14
110	3,4-4,0	64	S16
125	3,9-4,5	71	S16
160	4,9-5,6	76	S16



Pipe structure

Co-extruded 3 Layers Pipe

Chemical Resistance

PH-2 to PH-12

Fire behavior

Class C-s2, d0 according to EN13501-1.

Working Temperature

90°C continuous temperature; 95°C peak temp. and can be used at low temp. up to - 20°C

Density

Pipe 1,30 gr/cm³; Fitting 1,50 gr/cm³

Ring Stiffness > = 5,5 Kn/m² (ref. OD110)

Acoustic Properties 18dB(A) at 2 l/s discharge & 21dB(A) at 4 l/s discharge as per VDI 4100

Special fittings

The Wavin SiTech+ portfolio includes specialized fittings for easier and more efficient installation and use, particularly in areas where space is limited. Shower branches provide an easy connection of both the toilet and shower to the down pipe. Swept branches, as compared to sharp angle fittings, allow water to run more smoothly while reducing overall noise levels, improve the ventilation and increase the flow rate. The new design of access pipes makes inspection easier.

Wavin

ED TECH PP Soil, Waste and Vent system

Introduction

Wavin ED TECH (EN1451) is a complete soil, waste and vent system made of polypropylene. It has established itself in the European market for in-house and industrial discharge systems, due to its excellent chemical and physical properties in the material used and by its ease of connection and assembly. The revolutionary technology used for the ED TECH pipes is a result of years of research in the most skilled laboratories in the United States of America (Trexel Inc.) and Europe (Wavin T&I).

Dia (mm)	Wall thickness (mm)	<u>Jointing method</u>	: Rubber-ring push fit
32	1.9	<u>Hot water resistance</u>	: 95° C short term loading 90° C long term loading
40	1.9	<u>Chemical resistance</u>	: pH 2 - 12
50	1.9	<u>Linear expansion</u>	: 0.12 mm x m C
75	2.3	<u>Quality marking</u>	: IIP 152, UNI
90	2.8		
110	3.4		
125	3.4		
160	4.3		

Weight per meter of pipe (plain ended HTGL)

DN (mm)	kg/m
40	0.218
50	0.274
75	0.414
90	0.586
110	0.854
125	0.976



FIELDS OF APPLICATION

The Wavin ED TECH systems is used for in-house drainage applications, e.g.:

- Sanitary facilities (Non-Acoustic requirements)
- Washing machines and dish washers;
- Commercial kitchens, laundries, industrial plants in case of extended use of waste water;
- Schools, laboratories and industrial buildings in case of use of aggressive fluids

Wavin

Tigris family one-fits-all

The one-pipe-fits-all Tigris product family

Tigris, Wavin offers a complete program of pipe and fitting solutions for multi-layer composite pipe systems. The Tigris family has 5 fitting solutions that are all perfectly designed to offer the most reliable connection for the Wavin' s multilayer composite pipe, dedicated to the requirements of each specific field of application.

The core of the fitting program is based on the reliable Radial Press-Fit technology, offering a complete PPSU line with Tigris K5 and Tigris K1 or brass line with Tigris M5 and Tigris M1. The fitting program is completed with Tigris smartFIX, a PPSU fitting range based on Push-Fit technology.

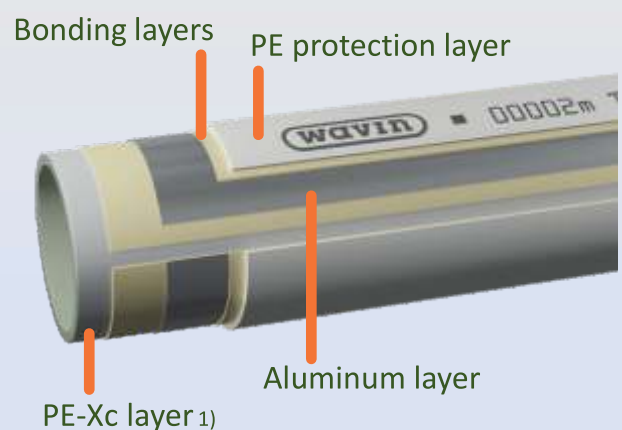
All Tigris fitting lines fulfil the specific requirements for hot and cold water installations and radiator heating and underfloor heating systems. They meet all drinking water quality requirements and are physiologically harmless. Being a real product family, all fittings fit to the same multilayer composite pipe, offering a 1-fits-all solution!

Tigris Multi-layer pipe – key features

The Wavin multi-layer composite pipes (MP) comprise either an internal layer of cross-linked polyethylene (PE-Xc) or PE with raised temperature resistance (PE-RT)1), an external protection layer in HD-PE and an intermediate butt welded aluminium layer. These layers are uniformly connected by means of bonding agents. This produces a pipe structure with a total of five layers.

Specific benefits of Wavin multilayer pipes

- ☐ Quick and safe assembly
- ☐ Suitable for all kind of water qualities
- ☐ Low weight
- ☐ On coils and straight lengths
- ☐ Pre-insulated or with protection Pipe
- ☐ Butt-weld aluminium layer; uniform thickness
- ☐ Big inner diameter for an optimal flow performance
- ☐ Wide field of applications, drinking water as well as heating systems
- ☐ High pressure, temperature and chemical resistance and resistance to peeling apart Physiologically harmless
- ☐ Easy to cut and easy to bend Broad range of dimensions (14 mm to 75 mm)



Viega Sanpress Inox

A STAINLESS STEEL SYSTEM FOR TOP QUALITY DRINKING WATER INSTALLATIONS.



A reliable system made of high quality materials. The pipe material 1.4401 (SUS 316L) is combined in Sanpress Inox with press connectors made of stainless steel. This creates a system that meets even the most stringent conditions in the drinking water installation area. Pipes are manufacture as per EN10312 (Series 2) and fittings as per DVGW.

Application areas

Irrespective of how high the requirements for the preservation and constancy of drinking water quality are: Sanpress Inox fulfils even the most stringent of guidelines. It is therefore not only perfectly suited for drinking water installations, but also for industrial cooling and process water systems.

Material

Sanpress Inox is made of high-quality, stainless steel. The stainless steel press connectors are equipped with an extremely durable EPDM sealing element. The stainless steel pipes 1.4401 are hygienic and excel on account of their efficiency.

Dimensions

Viega Sanpress Inox piping system is available in the sizes of 15 to 108 mm, including the intermediate size of 64 mm. System offers elbows, crossovers, angle sections, sleeves, couplers, screw fittings for every application area.



The comprehensive product range provides a matching solution for every application area.



ADVANTAGES AT A GLANCE

- Technology – Tried and tested over million times
- Guranteed to leak in an unpressed state due to the Viega SC-Contur
- Cold connection technology, no risk of fire
- Quick – One-man assembly with 3 simple steps viz cut the pipe to the required size, fix the connectors and press it with the press tool. Saves up to 30-50 % of time as compared to welding

The Viega logo consists of the word "viega" in a bold, lowercase, sans-serif font, colored yellow. It is positioned above a solid yellow rectangular bar.

Viega Speedpress

SAFE AND EASY INSTALLATION.

The installation of potable water systems should be as easy as possible. Viega has set the task to find a safe and simple solution to minimize complications from the transport of materials to challenging workflows.



Our new polymer pipe system

Viega Speedpress is a flexible system of plastic piping. Thanks to the new hand press tool, connections can now be carried out without a power connection or adhesive.

Both flexible polymer as well as metal-polymer composite pipes are fully suitable for hot and cold water plumbing applications. Pipe coils enable easy transport and storage.

Connectors

The PPSU and brass connectors are available in dimensions from 16 to 25 mm. Larger dimensions from 32 to 63 mm are covered by Viega Smartpress.

The Viega Speedpress connectors have an extended window offering better control and safety during pressing. Furthermore, the parts are prefabricated so that there are no loose parts which may get lost on the building site.

Safe pressing thanks to the SC-Contur

All Viega press connectors feature SC-Contur. It ensures that inadvertently unpressed connections are noticed immediately during a leakage test by visible water leaking or pressure drop occurring at the manometer. The unpressed connections can then be pressed immediately to avoid later water damage and reworking.

For dimensions 16 to 25 mm;
Viega Smartpress is available for
dimensions > 32 mm.



Leaks when unpressed: The Viega SC-Contur makes unpressed connectors easily visible.

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Flushing system that offers you Design Freedom.



Triple Inlet, Straightforward Assembly.



ULTRA SILENT™

Acoustic Drainage Piping System



- Acoustic Performance
- High Impact Resistance
- High Chemical Resistance
- Wide Range of Diameters
- 10-year Guarantee
- High UV Resistance
- 100% Recyclability
- Resistance to High Temp

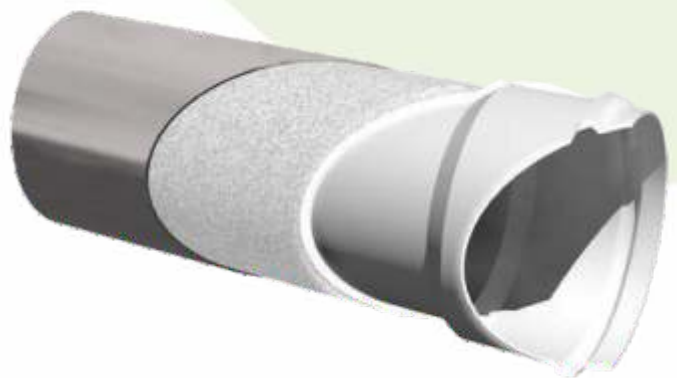


Ultra Silent system, soundproof, triple-layer, the push-fit system made of pipes and fittings for soil and waste discharge, at low and high temperatures, both within the building structure (application area code "B") as well as buried in the ground (application area "BD").



HT PRO™ SYSTEM

Push-Fit polypropylene Waste Water System

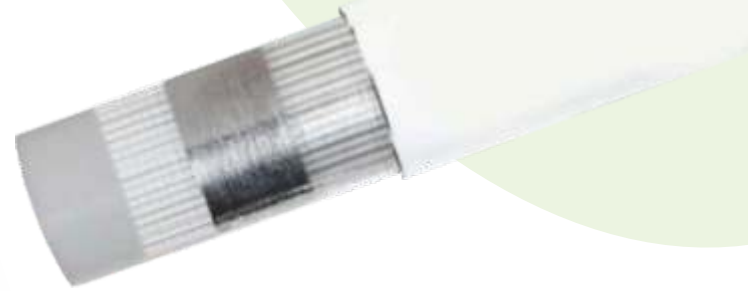


- Three Layer Pipes
- Easy & Fast Installation
- Low Thermal Expansion
- Extremely Smooth Flow
- High Chemical Resistance
- High Impact Resistance
- 10-year Guarantee
- 100% Recyclability



HT PRO systems, are utilized as drainage systems within the building structure (application area B), either by anchoring them externally to the walls or by embedding them directly in the concrete. Additionally able can be used as ventilation systems for wastewater systems as well as drainage systems for rainwater (only gravity systems).

Multilayer Water Supply Pipes



- Corrosion Resistance
- Low Thermal Expansion
- Impermeable
- Excellent Burst Resistance
- Acoustic
- Non-Toxic
- Chemical Resistance
- 100% Recyclability



Heliklima Press System



Cut The Pipe



Calibrate



Push



Press



Complete

ROMAFASER ANTI-UV - PP-R 100 + FG SDR 7,4 ANTI-UV

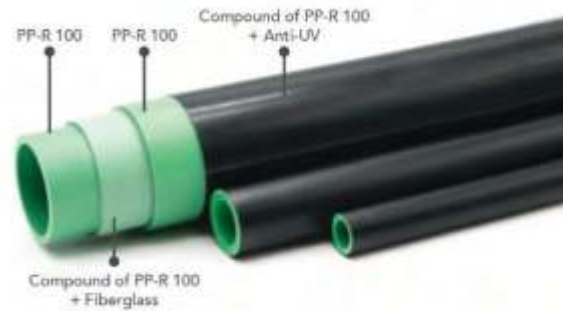
ROMAFASER ANTI-UV PP-R 100+ FG pipe with a added outside layer that guarantees UV protection. Therefore, this pipe is the most recommended solution for applications where the installation will be exposed to UV radiation, for example, outdoor applications.

The UV protection layer is made of a specially stabilised PP-R 100 with a special additive that makes highly reliable and resistant to ageing and discolouration caused by UV radiation.

ROMAFASER ANTI-UV pipe can be welded directly, with no need to peel off the outside layer, pipe and fittings can be installed according the normal procedure, without additional steps.

All HELIROMA fittings have UV-stabilizer to resist to UV exposure during transport and installation. However, the fittings are not long-term resistant to UV light, therefore fittings must be protected.

The pipe is supplied in black colour.



ADVANTAGES AND KEY FEATURES OF ROMAFASER ANTI-UV (ML-5)



UV PROTECTION



EXCELLENT LONG-TERM PRESSURE RESISTANCE



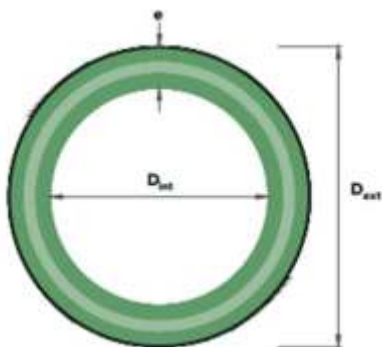
REDUCED THERMAL EXPANSION



LONG SERVICE LIFE

CHARACTERISTICS

COLOR	:	BLACK
STANDARDS	:	EN ISO 15874 RP 001.72 (AENOR) RP 001.78 (AENOR)
TYPE OF WELDING	:	Thermofusion Electrofusion Butt Welding



$$SDR = 2xS+1 \approx \frac{d_n}{e}$$

S - Pipe series referring to EN ISO 4065;

dn - Nominal outside diameter of the pipe;

e - Nominal thickness of the pipe wall;

SDR - Ratio between the nominal diameter and the thickness of the pipe





SLIM CONCEALED CISTERN
(MODEL NO CC01- 90mm)



SLIM CONCEALED CISTERN
(MODEL NO CC02-80mm)



SLIM CONCEALED CISTERN
(Half Frame)

SLIM CONCEALED CISTERN & KNOBS

ashirvad

by aliaxis

-  Heat Resistant Upto 93°C
-  Low Bacterial Growth
-  No Corrosion
-  Fire Resistant
-  Easy to Install

FLOWGUARD® PLUS
CPVC PLUMBING SYSTEMS™

FLOWGUARD is the registered mark of The Lubrizol Corporation.
The Lubrizol Corporation is a Berkshire Hathaway Company.

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by aliaxis

Aqualife



Lead Free

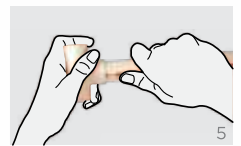
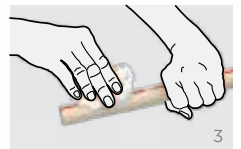
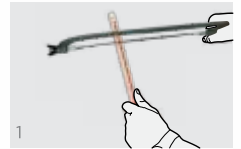


Freedom from Toxicity,
Odors, Tastes



Cost Effective

Installation



Easy to Install



Strong and Durable



UV Resistant

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by **aliaxis**



Quick, easy and convenient installation

Ashirvad SWR systems are light in weight which reduces the transportation, handling and installation costs.



Corrosion and abrasion resistance

Ashirvad SWR pipes have excellent corrosion resistance. Maintenance free Ashirvad SWR Pipes and fittings do not rust, corrode or promote build-up of deposits in the system interior.



Smooth Interior - free of incrustations

The smooth interior of Ashirvad SWR Pipes and fittings prevents the build-up of deposits, assuring low friction loss and ensuring high flow rates. The high flow rate continues for the life of the piping system.



Tough and reliable

Special formulation - high strength, optimum surface shine and finish. High operating life.



Cost effective

The many advantages of Ashirvad SWR system ensures a lower capital, installation, maintenance cost compared to other piping systems.



100% leak proof joints

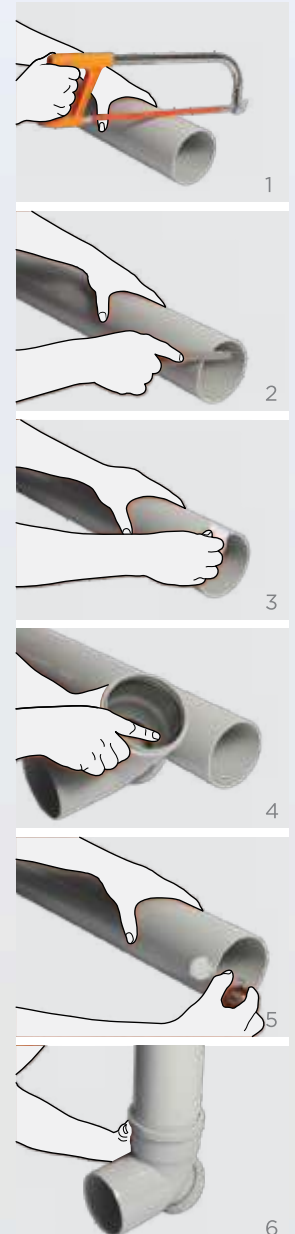


High flow rates - no choking



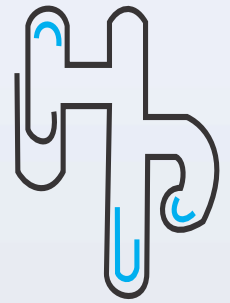
High degree of dimensional accuracy

Installation



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HDPE (Polyethylene) PIPING SYSTEM



Range

20MM TO 2500 MM

Pressure Rating

2.5 to 25 kgf/cm²

Standards

IS: 4984, IS: 14333,
ISO 4427 & DIN 8074

Application

- Marine & Sub-Marine Lines
- Pumping Main & Distribution Lines
- Suction & Delivery Pipes
- Drip & Sprinkler Irrigation Systems
- Infrastructure Building & Construction Industry

Length Available Sizes

In 6 MTR for all sizes &
In coil upto 160mm OD.

Material Grades

• PE-63 • PE-80 • PE-100

Available all Type of Fittings

Butt Fusion, Electro Fusion
Compression Fittings



DOUBLE WALLED CORRUGATED PIPES

DWC PIPES FOR SIGNALLING, TELECOMMUNICATION AND ELECTRICAL CABLE PROTECTION

DWC Pipes are the marvel of a product for underground cable ducting. Laid in single layer or with spacers for multilayer installation, DWC HDPE pipes have a corrugated outer wall for excellent diametrical stiffness, and an inner fairly smooth wall for facilitating easy cable insertion. It is available in coil form and in straight bars. The product is widely utilised among the various Government Departments, Railway Authorities, Public Works Department, Telecommunication Department, Development Authorities, Airport Authorities, State Electricity Boards, Power Distribution Companies, Solar Installations etc. for underground cable protection

STANDARD SPECIFICATIONS

- As Per IS: 16205 Part-24 (Earlier IS: 14930 Part-2)
- BSNL TSEC: GR No.: TEC/GR/FA/DWC-034/02
- RDSO/SPN/204/2011 Ver. 1.1 with Latest Amendments
- IEC 61386 (Part-24)

STANDARD LENGTHS

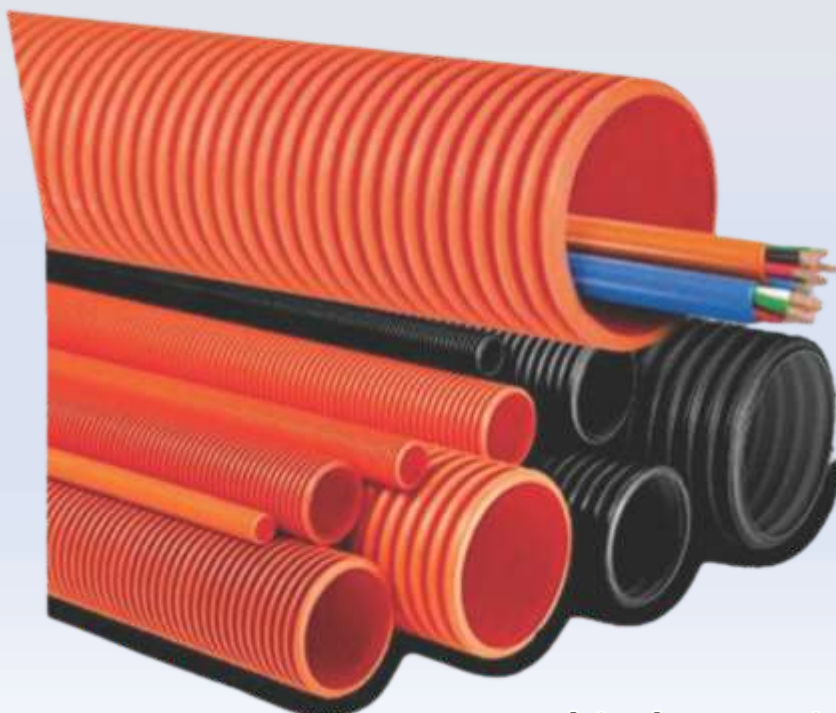
- Coil: 40 to 63mm (length- 100/200m)
- Straight Bar: 40 to 315 mm (length- 6m)

COMPRESSION CLASS

- Type 450N & Type 750N Compressive Strength

STANDARD COLOURS

Black/Black and Orange/Orange



SALIENT FEATURES



Excellent load-bearing capacity



Chemically inert



Abrasion resistant



Flexible and fatigue resistant

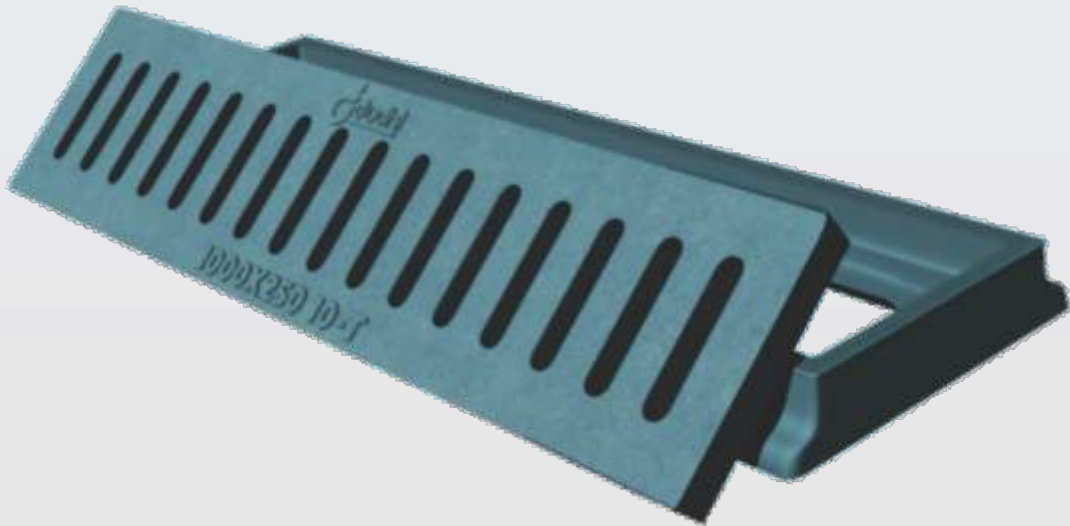
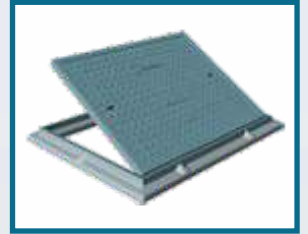
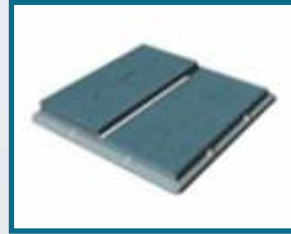
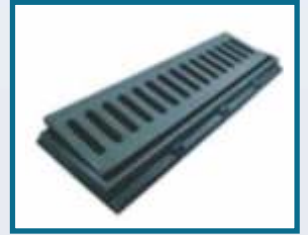


Suitable for aggressive climatic conditions



Corrugated profile gives excellent soil bonding

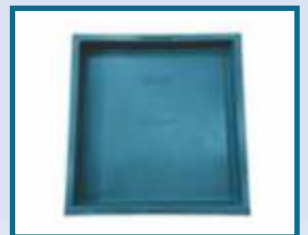
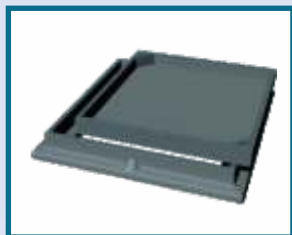
DynaGuard STA : Gully Gratings



GRPF MANHOLE, OVERHEAD TANK,
LAWN ACCESS, RECESSED, COVERS



DynaGuard STA : Recessed Covers



RO WATER PURIFIER

ZERO.BTM
PURE WATER SOLUTIONS

Kitchenmate With UV technology



Instant purification of water

Smart Performance

Easy Accessibility/ User-friendly Maintenance

Conforms To Drinking Water Standards

WATER SOFTENERS, CARBON REMOVER & SAND FILTERS



Prevents hair and skin damage

Saves soap and shampoo

Maintains heating efficiency of water heater


Food Grade Resin

Saves cooking gas

Prevents damage of bathroom fitting and appliances



ALKALINE & HYDROGEN WATER CRAFTER TABLETOP MODEL



Indian Product

11 Plates

5 Types of Water

Auto Electrode Cleaning

Purification Option

RO & ESS Technology

Flow Rate 10 LPH

AUTOSOFT - 3,6 & 8

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Plastic



Steel/Stainless



Cast Iron



ACO Systems and Solutions

Your Partner in Water Management Solutions

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Notes

This image shows a full page of blank handwriting practice paper. It features ten sets of horizontal lines, each consisting of a solid top line, a dashed midline, and a solid bottom line. The background is divided into alternating light blue and white horizontal bands. Each set of three lines spans across one of these colored bands. There are no margins, text, or other markings on the page.



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