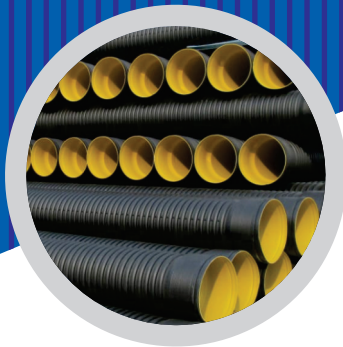




ISO 9001:2015 Company



**Quality & Time
is our motto**



Premium quality
HDPE DWC Pipes for
Sewer / drainage purpose
as per IS-16098 Part-2





Crown Pipes BIS & ISO Approved manufacturers of ISI marked Double wall corrugated pipes for gravity and low pressure sewerage and drainage management of waste water, sanitary sewer and storm water drainage in municipal areas and industries. These pipes have distinct advantages in sewer and drainage applications over conventional pipes.

Crown Pipes are manufactured out of Virgin high density polyethylene (HDPE) material in double wall construction. The outer corrugated wall gives excellent mechanical properties like high ring stiffness, impact strength, crush resistance and make it very light in weight. Inner smooth wall facilitates easy flow of sewer fluids due to minimum friction.

Standards :

- 1) IS : 16098 Part II-2013.
- 2) ISO 21138 & BSEN 13476-1 to 3.

Applications :

- 1) Sewerage & Drainage
- 2) Surface Drainage
- 3) Culverts & Highway Drainage
- 4) Construction site waste drainage
- 5) rain water Harvesting
- 6) Storm water Drainage
- 7) Non Pressure mini-Irrigation Projects.

Key Facts :

- 1) Lighter than existing conventional pipes.
- 2) 100% Recyclable after usable life.
- 3) 30% lower annual amortized cost compared to concrete pipes.
- 4) Multifold longer life compared to concrete pipes.
- 5) 2.4 times longer in fewer joints to ensure better leakage protection.
- 6) low friction hence extra water flow compared to concrete pipe.
- 7) CO2 emission for concrete pipes is over 3 times that of plastic pipes.
- 8) Low manning co-efficient.

Advantages of HDPE

- 1) Resistance to corrosion
- 2) Available in colours on demand.
- 3) Chemically inert.
- 4) Environmentally safe
- 5) Good impact strength.
- 6) Good abrasion resistance.
- 7) Weathering is less.
- 8) Recyclable.
- 9) Life span. 50 years.
- 10) Anti-rodent properties (on request)

Advantage due to Corrugation.

- 1) Raw material saving hence low price.
- 2) Excellent ring stiffness.
- 3) Smooth inner wall, hence minimum friction loss.
- 4) When bend, the roundness of pipe is retained.
- 5) Moderate flexibility to take care of soil settlement if any.
- 6) Takes heavy earth loads.
- 7) Easy jointing by using couplers.

Sizes of DWC Pipes

Sr No.	Nominal Id (mm)	Normal Length (Mtrs.)
1	95 mm	6 mtrs. bar
2	100 mm	6.4 mtrs. bar
3	138 mm	6.4 mtrs. bar
4	150 mm	6.4 mtrs. bar
5	170 mm	6.4 mtrs. bar
6	200 mm	6.4 mtrs. bar
7	300 mm	6.4 mtrs. bar



Manufacturer of : HDPE double wall corrugated pipes & fittings

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