



ALOM POLY EXTRUSIONS LIMITED

LASTING GENERATIONS

www.alom.in

Alcorr DWC Pipes

Alcorr pipes are Double Wall Corrugated pipes made with High Density Polyethylene material. They are externally corrugated and have a glass smooth surface inside. The pipes have a very high strength because of its design, are economically viable, have a very long life expectancy, and innumerable socio-environmental benefits that make them the most suitable pipes for underground sewerage and drainage applications.

Applications of **Alcorr**

Sewerage projects

Highly corrosion resistant, therefore ideal for long term applications in adverse conditions.

Effluents disposal and Industrial drainage

Ideal especially in time constrained industrial construction activities.

City and urban clusters

Simple and fast installation, easier handling and transportation which overcomes socio-environmental issues with underground pipe installations.

Domestic & AC Vents, Garbage Chutes

Multifarious indoor use providing reliable and economical solutions.

Highway and storm drainage

Anti-leakage couplings create maintenance free drainage corridors.

Earthquake prone areas with high tectonic movements

High strength to weight ratio and flexibility helps adapting to uneven ground or earth movements.

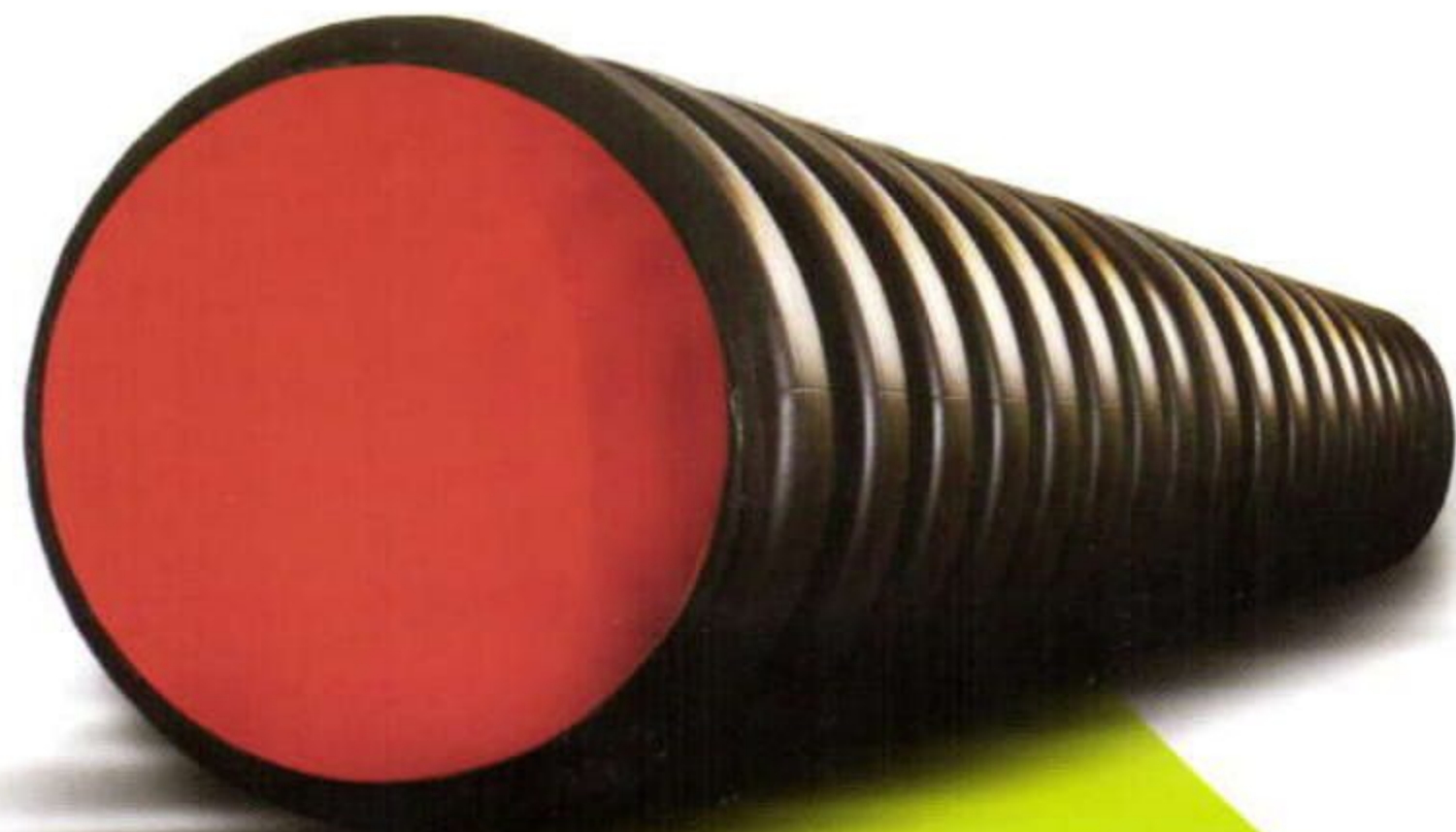
Rainwater drainage

Easy drainage systems for agriculture, highways, cities and metropolitan areas.

Shallow and deep tube-well casing

Ensures high strength casing protection for tube-well pipes.

Alcorr



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(An ISO 9001: 2008 organization)

ALCORR DWC PIPE



Alcorr

Advantages of **Alcorr**

Long-lasting

Service life of over 100 years.

Hydraulic efficiency

Manning's 'N' value of the pipe is 0.009-0.011 which also does not deteriorate during the entire life expectancy.

Ease of Installation

Uses lesser manpower and can be installed in very constrained locations.

Excellent Strength

Withstands constant heavy overload pressure.

Leak Tightness

Leak proof and no infiltration of ground water even in unfavorable bedding contour.

Socio-environmental benefits

Rapid laying of pipe does not disrupt urban and dense city clusters.

Economical

Material saving 65% in comparison to plastic smooth wall pipes enables cost savings. Weight of pipe is 95% lesser than traditional RCC pipes.

Chemical and biological inertness

Deterioration of internal pipe condition on account of Crown Corrosion is non-existent, as it doesn't react with aggressive chemicals.

Flexibility

Adaptable to all types of contour conditions and under critical external surface pressure like in earthquake prone areas.

Non-Corrosive

Not susceptible to corrosion or electrical interference.

Environmentally safe

No leaks, no cracks and no damage to environment and soil.

Sizes :

	Nominal I.D. (mm)	O.D. (mm)	Stiffness Class	Length (m)
1.	75	90	SN 4 or SN 8	6
2.	100	120	SN 4 or SN 8	6
3.	135	160	SN 4 or SN 8	6
4.	150	180	SN 4 or SN 8	6
5.	170	200	SN 4 or SN 8	6
6.	200	238	SN 4 or SN 8	6
7.	250	290	SN 4 or SN 8 or SN 16	6
8.	300	345	SN 4 or SN 8 or SN 16	6
9.	400	480	SN 4 or SN 8 or SN 16	6
10.	500	575	SN 4 or SN 8 or SN 16	6
11.	600	715	SN 4 or SN 8 or SN 16	6
12.	800	955	SN 4 or SN 8 or SN 16	6
13.	1000	1200	SN 4 or SN 8 or SN 16	6

Company Highlights

- ❑ Largest manufacturer of Double Wall Corrugated Pipes in the country
- ❑ Widest Range of products up to 1000mm ID
- ❑ IS 16098-2, IS - 14930, and ISO 9001:2008 certified
- ❑ Fully-equipped testing laboratory
- ❑ Technical assistance for projects and design
- ❑ Delivered more than 1000 km of pipeline orders

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