

INDUSTRIAL WASTE PIPING SYSTEM

CC Sewer Pipe System

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FOR SAFE AND HEALTHY INDUSTRIAL ENVIRONMENT

- For Highly Aggressive Industrial Waste
- Long Lasting and Economical Underground Sewerage



DADEX

CC Sewer Pipe System

CC Pressure Pipe For Industrial Sewerage Piping System

Industrial sewer application demand high quality, superior performance and durability to protect environment, minimum cost, reduce maintenance and provide long term trouble free services. It requires piping system that is suitable of handling chemical discharge, frequent pressure surges, varying pH levels and high temperatures. Dadex Chrysotile Cement pressure pipe system as per PS-428 offers remarkable performance in waste disposal application of industrial Sector. The material used in Dadex cc pressure pipe is chrysotile fiber and cement. The mainforcing chrysotile fiber is bound in cement matrix chrysotile is a natural hydrous magnesium silicate fiber.

Competitive Edges of Dadex CC Pressure Pipe

- Wide range of diameter from 80mm to 1000mm.
- Available pressure rating in 6, 9 & 12 bar (class-B, C &D).
- Dadex CC pipes have good resistance to high temperature.
- Resistant to corrosion.
- DADEX CC pressure pipe can be tapped easily.
- Self-aligning push-on-coupling (push fit system) for rapid assembly.
- High tensile strength fibers give DADEX CC pressure pipes high crush and burst strengths.
- Customize facility of Bituminous coating on external surface and coal tar epoxy on internal surface to handle aggressive industrial waste.
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- Lighter than cast iron and ductile iron pipes therefore easier handling and economical transportation.
- Resistance to abrasion of solid waste due to elastic behavior of fibers.
- Highly compatibility with metallic and non-metallic systems as they are available in widely recognized standards, pressure classes and diameters.
- Extended life of up to 50 years compare to RCC and other conventional products.



Scope in Industrial Sector

- Textile industry
- Chemical manufacturing units
- Fertilizers
- Tanneries
- Sugar industry
- Oil and gas sector
- Power sector
- Automotive industry
- Cement industry
- Fisheries
- Refineries
- Sea port
- Steel mills
- Food industries
- General industries
- Oil exploration
- Oil storage
- Oil terminals
- Dry port (rain water disposal)



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Limits Upto Which Protection Is Not Required

Description	Limits	
pH	≥ 6	
Titration acidity ml NaOH N/10 per 100 gm of soil	< 20	
Nh4 mg/l	< 80	
Alkaline solution in %	< 10 %	
Vegetable oil, fats mg/l	< 300 %	
So4 in mg/l in function of Cl in mg/l (sea water)	Cl	SO4
	0	< 500
	300	< 800
	5000	< 1430
MgO in mg/l function of SO4 in mg/l	SO4	mgO
	< 0	< 2000
	< 200	< 700
Sugars	No limit if pipe is fully hardened	

Mechanical Characteristics

The minimum material strength for wet pipes according to PS 428

Bursting Stress

(internal pressure)

224kgf/cm² (22N/mm²)

Crushing Stress

(external vertical load)

450kgf/cm² (44N/mm²)

Longitudinal bending Stress

(external load)

250kgf/cm² (24.5N/mm²)

Permissible Deflection in Pipe Lines

Pipe Internal Diameter (mm)	Deflection Allowed Maximum Degrees (a)	Displacement (D) for 4m Lengths (cm)
80	6°	42
100	6°	42
150	6°	42
200	5°	35
250	5	35
300	4	28
350	3°30'	24
400	3°	21
450	2°30'	18
500	2°30'	18
600	2°30'	18
700	2°30'	18
800	2°30'	18
900	2°30'	18
1000	2°	14

Note: Reference list of clients will be shared on request.



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For Technical information and assistance, please contact Dadex Techno Commercial Department or contact Dadex Industrial Sales Department on 111 000 789.

Note : All information contained in this literature is given in good faith. The user should, however, check that the product is suitable for purpose, in the application for which it shall be used. Please ensure compliance with all health and safety requirements. Whilst continuing its programme of continuous development, Seller reserves the right to modify or extend any published information without any prior notification. No responsibility can be accepted for any error, omissions or incorrect assumptions.

"Seller's Responsibility: responsibility of seller ceases once the goods are delivered to the buyer's representative at our factory, where delivery is taken in person. In other cases responsibility of seller shall cease once the goods are delivered to the buyer's/carrier's authorized representative (s). No claims of any type including in-transit loss, damage, pilferage, short-delivery, etc. will be entertained by the seller and the buyer agrees to hold the seller harmless in this regard. Additionally, seller shall not be responsible for any consequential damages including, but not limited to, economic loss of any kind whatsoever, upon the products being delivered to the seller as per the terms of this Clause. Any claim or responsibility as stated herein will not be entertained by the seller and such action will also not be the cause of dispute by the buyer".

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