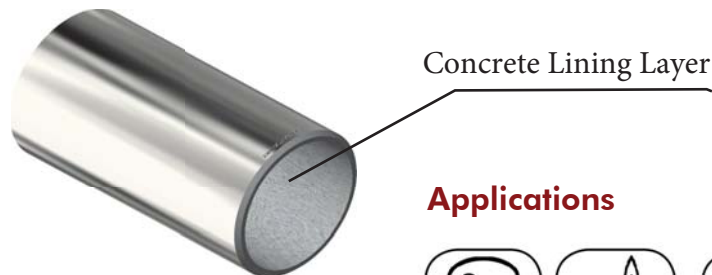


## Concrete Lined Steel Pipe

(PC, SR, HAL) Concrete Lined pipe



### Product Description

The concrete lining of the steel pipe can be Portland cement lining, Sulfate resistant Cement used for the transportation of potable water or for irrigation, in addition to High Alumina Cement lining which is abrasion resistant and used for sewage water and the industrial water. the concrete lining is highly durable and resistant to bacterial growth.

### Applications

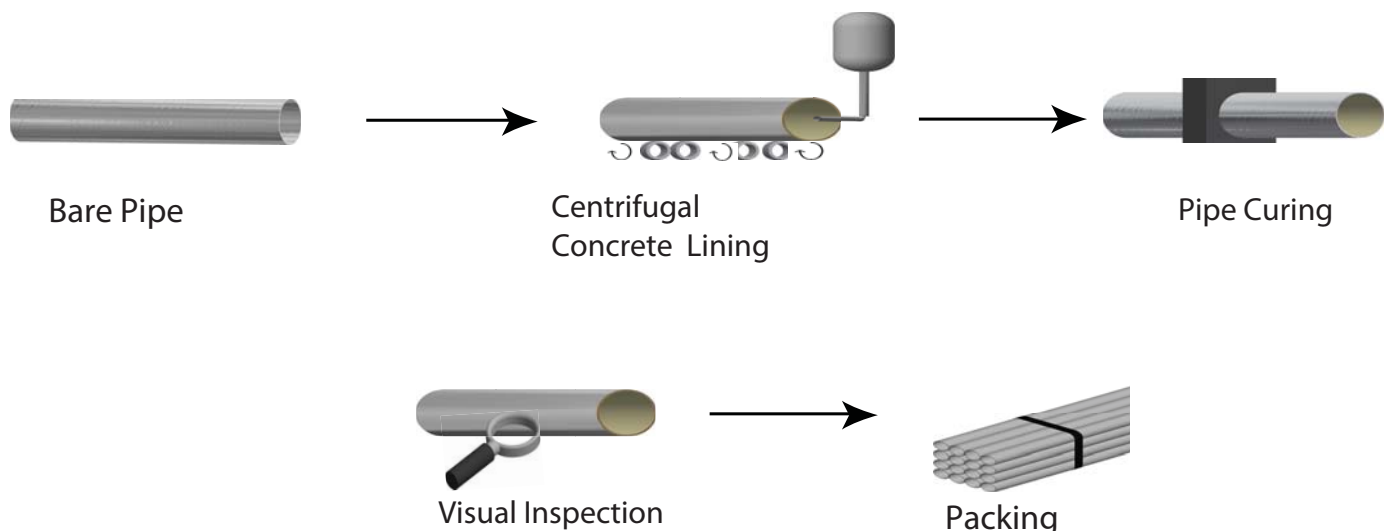


### Related Standards and Specifications

- ASTM C150
- ANSI/AWWA C205
- ASTM C150
- ANSI/AWWA C205-95

Additional standards may also apply after contacting an Insupipe sales agent

### Process Flowchart Concrete Lining



#### Contact us

Al Mafraq Industrial City  
Muwaqqar Industrial City  
Tel:962 6 5353287 - Fax:962 6 5335395



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# Concrete Lined Steel Pipe

Thickness				
Type of Cement	Standard	Nominal Pipe Size DN	Lining Thickness	Tolerance
Portland Cement type 1, 2 and V	DIN 2614	100-250 mm ( 4-10 in)	6 mm (1/4 in)	-1.6, +3.2 mm (-1/16,+1/8)
Sulfate Resistance Cement	ANSI/AWWA C205-95	280-580 mm (11-23 in)	8 mm (5/16 in)	-1.6, +3.2 mm (-1/16,+1/8)
Blast Furnace Slag Cement	ASTM C150	600-900mm (24-36 in)	10 mm (3/8 in)	-1.6, +3.2 mm (-1/16,+1/8)
High Alumina Cement (HAC)	Several others	>900mm (>36 in)	13 mm (1/2 in)	-1.6, +4.8 mm (-1/16,+3/16)
*Please refer back to one of our sales agent to be consulted to ensure that the correct				
Chemical Resistance				
Resistance to chemical attack				
Maximum Content of Aggressive CO <sub>2</sub> (mg/l)	Maximum Content of Sulfates (SO <sub>4</sub> -) (mg/l)	Maximum Content of Magnesium (Mg++) (mg/l)	Maximum Content of Ammonium (NH <sub>4</sub> +) (mg/l)	Minimum Value of PH
15	3000	500	30	5.5
7	400	100	30	6
15	3000	500	30	5.5
No limit	No limit	No limit	No limit	4
Tests				
Tests			Standards	
Lining Thickness			ANSI/AWWA C205	
Maximum operating temperature				
150°F (66°C)- 212°F (100°C)				

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