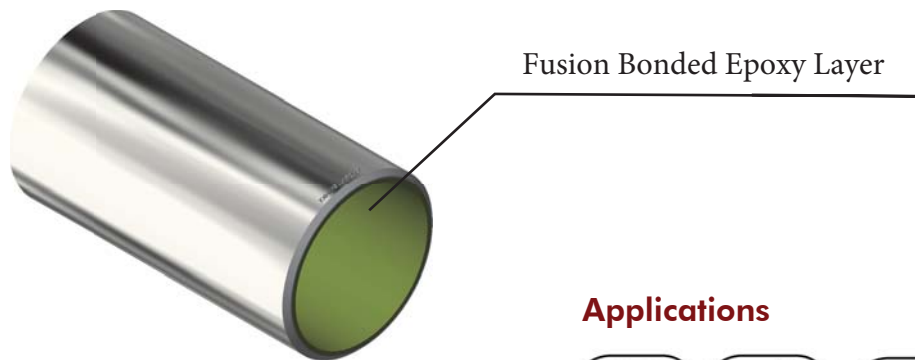


FBE Lined Steel PIPE

Fusion Bonded Epoxy Lined pipe



Applications



Product Description

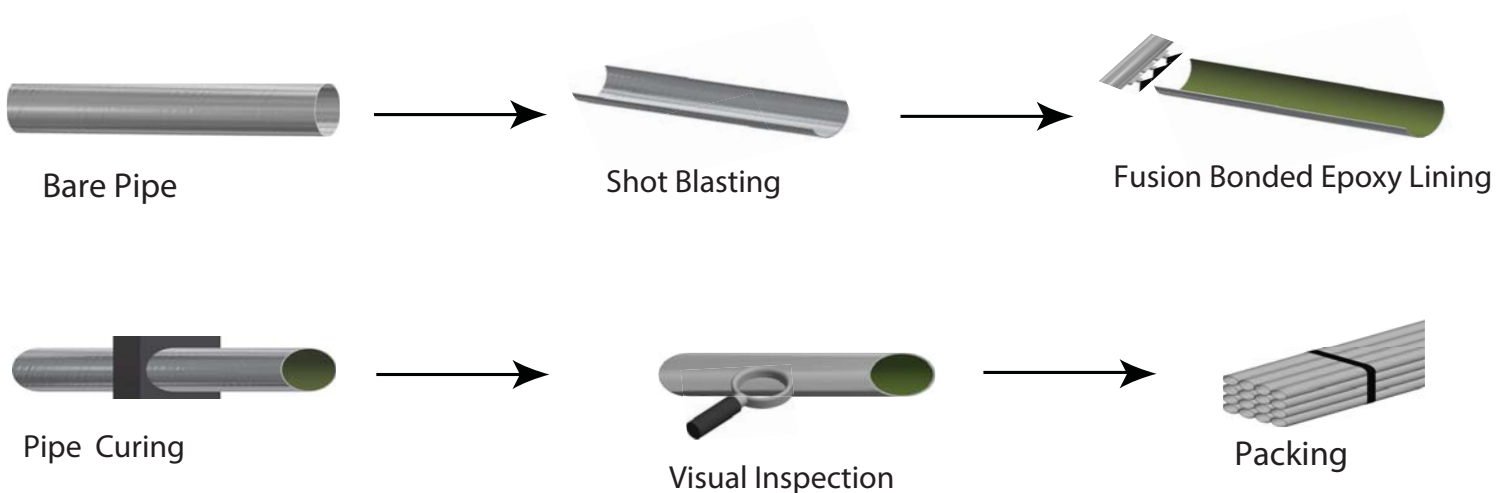
Epoxy/FBE is a high performance lining that provides excellent protection for various applications

Related Standards and Specifications

- BS EN 4147
- BS EN 545
- ANSI/AWWA C213-07
- ANSI/AWWA C210-07

Additional standards may also apply after contacting an Insupipe sales agent

Process Flowchart of Fusion Bonded Epoxy Lining



Contact us

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



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FBE Lined Steel PIPE

Thickness			
FBE		Liquid Epoxy	
Not less than 12 mils (305 µm)		The minimum Dry Film Thickness shall be at least 16	
*Please refer back to one of our sales agent to be consulted to ensure that the correct formulation will			
Maximum operating temperature			
The maximum service temperature of water.			
Chemical Resistance			
Acetic acid 10 %	no change	Hydrogen peroxide	faded
Ammonia 10 %	no change	Lactic acid 10 %	no change
Benzol	no change	Methanol	no change
Butanol	no change	Methyl tert-butyl ether (MTBE) 100%	softening
Caustic soda solution 10 %,50 %	no change	Nitric acid 10 %	no change
Citric acid	no change	Phosphoric acid 50 %	no change
Diesel, Petroleum	no change	Potassium hydroxide 50 %	no change
Ethanol	no change	Sea water	no change
Formaldehyde 37 %	no change	Sodium acetate	no change
Glycerol	no change	Sodium carbonate 20 %	no change
Formic acid	no change	Sodium chloride 20 %	no change
Hydrochloric acid concentrated	no change	Sulphuric acid 50 %	no change
Tests			
Tests		Standard	
FBE Lining Thickness		ANSI/AWWA C213-07	
Liquid Epoxy Lining Thickness		ANSI/AWWA C210-07/ SSPC-PA 2	
Adhesion Test		ASTM D3359	

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