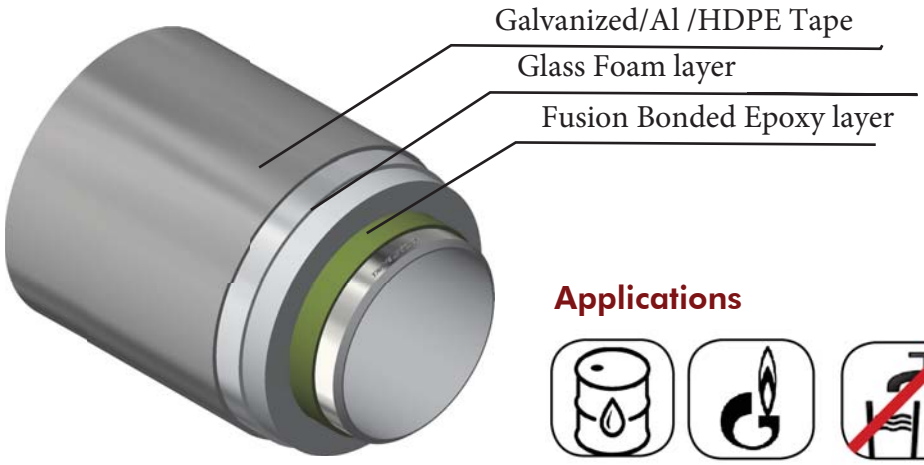
INSUPIPE

PRODUCT DATA SHEET

FBE-GF-AL/GLV Pipe

Fusion Bonded Epoxy Glass Foam Galvanized/Al /HDPE Tape Coating



Applications

Product Description

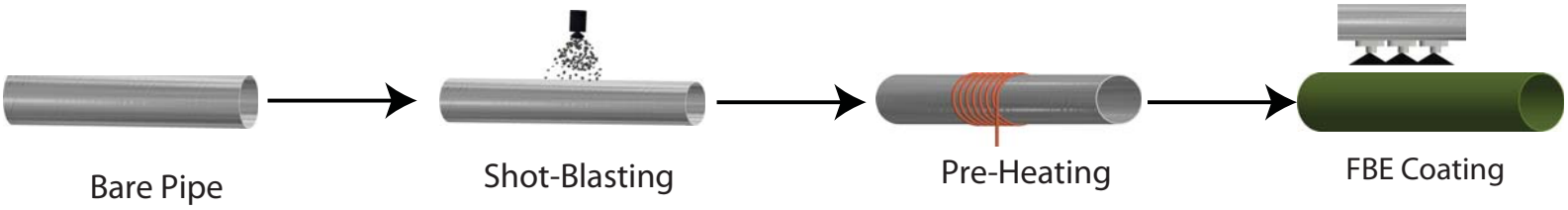
The fusion bonded epoxy layer is followed by a Glass Foam and then Aluminum layer to ensure the needed thermal insulation

Related Standards and Specifications

- EN 253
- ASME B31.1
- DIN 30670
- ASTM D3350

Additional standards may also apply after contacting an Insupipe sales agent.

Process Flowchart of FBE-GF-AL/GLV Coating



Contact us
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GLOBAL SMART

www.gsest.com
www.insupipe.com

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Thickness			
Layers	1st layer	2nd layer (Glass Foam)	3rd layer
Thickness	FBE	Jacket Diameter / Thickness (in)	(Aluminum /Galvanized)
	A minimum of 8-12 mil	Up to 15 inches: 0.055	
		Between 15 -24: 0.085	
		Between 24 - 30: 0.11	
		Between 30 -48: 140	
*Please refer back to one of our sales agent to be consulted to ensure that the correct			

Chemical Resistance	
Chemicals	Aluminum/Galvanized
Formic acid	F
Ammonia	G
Benzene, Butane	G
Calcium chloride	G
Acetic acid	G
Formaldehyde	G
Potassium chloride	F
Potassium hydroxide	N
Sodium chloride	F
Sodium hydroxide	G
Petroleum	G
Methylene chloride	G
Sulphuric acid	F
Water vapour	G
Lactic acid	G
Sodium carbonate	F

Continuity
holiday tested at 1,000 volts to ensure a void free coating

Tests	
Tests	Standards
Coating Thickness	DIN 30670
Holiday Test	ASTM D3350
K-factor	ASTM C-518
Compressive Strength	ASTM D-1621

Maximum operating temperature
-320ºF to 250ºF

K-factor
@ 73°F, 16 BTU-In

Buried/ Unburied
Both ground and aboveground installations

*E: Excellent
**G: good
***F: Fair
****N: Not Recommended

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