

Data sheet Insituform ECO-FLEX Inversion PP Liner

Dimension	DN100mm – DN300mm
Wall thickness	3 mm
Liner material	Polyester felt, coating PP, thickness 0,3 / 0.35 mm
Impregnation	Polyester, Vinylester, Epoxy
Installation by inversion	Water column, drum, sluice
Curing method	Water, Steam, Ambient
Mechanical performance (Guidance)	
E-Modules short time	2200 N/mm ² (*)
E-Modules long time	1200 N/mm ² (*)
Installation	
pH Range	pH 4 to pH10 Depending on water temperature, and use of Resin, Polyester / Vinylester & Epoxy
Effluent Temperature	65-degree C. (higher dependent on resin type)
Pipe Condition - Fully Deteriorated	Yes! (Liner thickness by Calculation)
Pipe Condition - Partially Deteriorated	Yes! (Liner thickness by Calculation)
Offset Joints	Yes!
Bends	90 degrees bends Not sharp bends
Diameter increase	Yes! Minimum 20% of original size
Thickness Changes	Yes!
Typical installation length	20 to 250 meters
Host Pipe Shape	Any kind
Host Pipe Material	Any kind
Transportation of Impregnated Liner	
Water Liner:	Refrigerated Truck transport
Storage temperature	Maximum 5 degree C.
Steam Liner:	Refrigerated Truck transport
Storage temperature	Maximum 5 degree C.

(*) = Expected values!