

# I.S.T. VITROFLEXX 3 LINER

APRIL 2022

## PRODUCT DESCRIPTION

Flexible triple layered knitted E-Glass hose with polyurethane coating, available from DN 70 to DN 300.

Designed, tested and manufactured by I.S.T. Germany, VitroFlexx 3 is flexible, versatile and perfect for a wide range of CIPP applications.



For more information please visit our website at [pipcore.com.au](http://pipcore.com.au)



### Glass Construction

This inherently stronger structure delivers a more robust product possessing greater strength, higher modulus and lower elongation.



### Reduced Wall Thickness

The fact that the Glass is stronger allows for the liners to be thinner, reducing installation time, resin usage and impedance within the relined pipe.



### Reduced Resin Usage

VitroFlexx 3 can save up to 30% of the resin required for a traditional build, thus, saving cost and time on installations.



### Increased Flexibility

The innovative 3D structure allows the product to flex around corners with minimal cramming and adjust in diameter changes.

## TECHNICAL DATA

Delivery Status	Material Data	ISO Test Method
Weight	approx. 2250g/m <sup>2</sup>	DIN EN 29073 T1
Thickness With Coating	approx. 3.3mm	DIN EN 29073 T2
Pore Volume	approx. 72%	
Fibres	E-Glass	
Coating	Polyurethane TPU / TPU	
Coating Thickness	approx. 100µm	
Seam Type	Seamless	
Curing	Ambient, Hot Water, Steam, UV, UV LED	
Properties	For bends up to 90° max. Max. 2 diameter changes eg 100>125mm	



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