Netherlands

Revolutionising the way energy is transported

SoluForce®





About SoluForce RTP (Reinforced Thermoplastic Pipe)





SoluForce RTP Proven technology (>5000km installed)





Our goal

- To help accelerate the potential for regional and local hydrogen distribution and transport networks in an innovative, cost effective and (relative)low carbon impact manner.
- With our proven state-of the art technology, and in collaboration with local partners and initiatives.







Hydrogen Valley NL: H2 transport







A certified hydrogen transport system

kiwa

Covenant certificate K101779/01

SoluForce®

STATEMENT BY KIWA

Pipelife Nederland B.V.

cation of this certificate is allowed. we consult www.kiwa.nl in order to e

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spoolable reinforced thermoplastic (RTP) industrial piping system for the transport of hydrogen

as specified in this Covenant certificate and marked with the Kiwa®-mark in the manner a indicated in this Covenant certificate may, on delivery, be relied upon to comply with Kiwa Covenant manual K15013 dated April 2018.





Integrity Management: Extremely tough and impact resistant









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Decarbonizing the supply chain: Carbon Footprint Break-down

	Steel 6 Inch ASTM A106 Gr B	SoluForce 6 Inch H2T M570
Bill of materials	57,1	18,9
Manufacturing	13,9	2,3
Transport (1000 km)	1,7	0,4
Installation	3,2	1,6
Operation	~	~
End of Life (left behind)	~	~
Total	75,9	23,2

GWP in Ton CO2 eq. per 1000 m pipeline

The less materials used in the same function, the more Eco-Economic benefits can be expected in all life-cycle steps





Global Warming Potential (CO2-eq)



Minimizing construction time





In summary USP's

Product:

- No embrittlement and fully non corrosive
- Flexible and Light
- Up to 4 times! lower CO2 eq. footprint compared to steel pipe production

Usage:

- Re-usable and maintance-free
- Very easy to transport
- Fast and easy installation
- TCO > 20% lower than steel pipes





Ready & happy to collaborate with Israel!!



Netherlands

I would love to continue the conversation.

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