

# BURSTPACK™

*A proven method of permanently sealing dead annular space between Tier 1 metallic pipe and inserted PE*

*BURSTPACK*, a collaborative, NIA funded project between SGN and *Steve Vick International* is a technique to seal off the dead annular space between the host main and the inserted PE pipe.

*BURSTPACK* consists of SVI's two-part expanding foam formulation, contained within a specially designed plastic sachet, featuring a series of chambers separated by 'burst seals'. These allow the resin and hardener to be mixed within the sachet by bursting one of the seals, then inserting the complete, mixed sachet, into the annular space inside the pipe. A secondary 'burst seal' ruptures when the foam has sufficiently expanded, allowing the foam to

seep out into the annular space and seal it. The application requires little space, reducing the size of excavation needed and can be inserted by hand or by using a specially designed long handled tool.

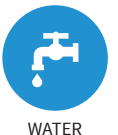
*BURSTPACK* is compatible with i-core excavations and is capable of achieving a tight seal even where challenging conditions exist, such as wet and muddy conditions or where the PE is off to the centre of the host metallic main.



:: Scan code to find out more



GAS



WATER



NUCLEAR



CONTRACT SERVICES

## Benefits

- **BURSTPACK reduces the potential for gas to track along the annular space**
- **BURSTPACK helps prevent road surface slump and pot holes**
- **BURSTPACK reduces the potential for water and waste ingress**
- **BURSTPACK is simple to apply, using SVI's GIS:LC14 expanding polyurethane foam, delivered via a specially designed self-actuating pouch**
- **BURSTPACK can be deployed by hand or with i-core long reach tools**



## Mixing method

Confirm the size of sachet required for the annular space being sealed

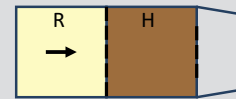
Inspect the temperature strip to ensure the sachet contents are within working temperature range (5-25°C)

Activate the sachet contents, follow the visual mixing method as shown below

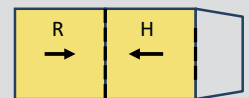
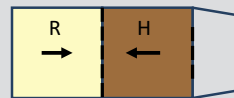
Insert the sachet into the open annular space at the crown of the inserted PE pipe

Allow the sachet to partially expand and 'grip' inside the annular space prior to removing insertion tool (ensures sachet remains in place after insertion tool removal)

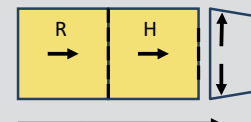
The sachet will burst at the leading end and be fully cured within 30 minutes



Squeeze from the resin end until dividing seal opens



Mix hardener and resin until it is a consistent colour has been achieved (20-30 seconds)



Insert sachet tapered outlet end first into the annular space at crown of the PE pipe

## About Steve Vick International

**We are experts in innovative engineering for trenchless renovation and decommissioning of pipes worldwide.**

Since our foundation in 1981, we have been dedicated to delivering cost-saving solutions for damaged, redundant or outdated underground pipe work. We are at the forefront in developing products and techniques across gas, water, nuclear and contract service sectors on a worldwide basis.

We are proud of our reputation for innovative product development, strong technical support and after sales care.

For more information on any of the products and services featured here, please contact: [info@stevevick.com](mailto:info@stevevick.com)

**STEVE  
VICK  
INTERNATIONAL**



Steve Vick International Ltd  
UK HQ: Treewood Industrial Estate  
Bradford on Avon, Wiltshire BA15 2AU



**+44 (0) 1225 864 864**  
**stevevick.com**

