

# BLUSKY™ REINJECT

## Injection Grouting Hose

### Description

**BLUSKY™REINJECTO** Grouting Tube is specially designed flexible solid PVC Nitrile Blend (thermoplastic Rubber) covered by sponge strips strengthened by Nylon Braiding which is installed in concrete joints to waterproof and seal any crack or voids in the joint area to eliminate possibilities of leakage in future.

Grouting hose seals joints watertight and offers a complete maintenance program if leakage appears in the future. If water test performed and voids in the joint area are indicated the voids should be filled with all type of injecting material like micro fine cement or cement slurry. These injecting materials are highly compatible with concrete.

Micro fine cement and Portland cement (low viscosity resin) penetrates into micro fine cracks and capillaries to seal them permanently.

### Installation Procedure

- Concrete surface where reinjectable hoses are to be installed are to be clean dry. Smooth and free from dirt.
- Grouting Tube must be located at as close as possible as center line of wall or slab, with only the vent ends crossing the grouting Tube.
- Initial injection pressure should be approximately 70 – 160 psi. Once the injection material has filled the joint area and is to 550 – 650 psi. Maintain this pressure for 3 - 5 minute, allowing for the injection material to thoroughly penetrate the weak area.
- Piston type pumps shall be used with hydrophilic resin injections.

### Installation Details

Accessories: PVC Injection hose, PVC / TPR ends, Shrink on sleeves, nozzles, plugs, Tape, Adhesive.

The Grouting Tube Installation – vent ends are to be cut and adhesive is to be applied to the connecting nozzles to ensure a secure.

Drilling of holes for the installation of Grouting Tube.

Method of overlapping vent ends.

Heated by hot air gun.

To avoid any movement or slippage, tie the vent ends with wire at the metal bracket.

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### Cross Section :

Tread  
PVC /TPR Inner Core  
Sponge Sealing Strip

### Section M – M :

Nylon Reinforced PVC / TPR Vent end  
Shrink on Sleeve  
Closer Plug sealing Against Fouling  
Connecting nozzles  
3Dia discharge port  
180° Niametrically Opposed

### Designing Principle : Injecting Channel

Solid hose core made of high quality PVC / TPR  
The core is capable to absorbing concrete pressure, ensuring integrity or injection channel.

Lateral, staggered injection opening to ensure uniform discharge of the injection material.

Compressible sponge strips in the longitudinal grooves are a unique and extremely important of the **BLUSKY™REINJECTO** System. These strips acts as valves during injection and as a seal while cleaning the tube for Reinjection.

### Injection Grouting Junction Box :

End connection nipple  
Injection grouting tube



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### Shelf Life & Storage

Several years from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

### Packing

**100 m**

### Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on [www.bluskyscpl.com](http://www.bluskyscpl.com)

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