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Injection Grouting Tube

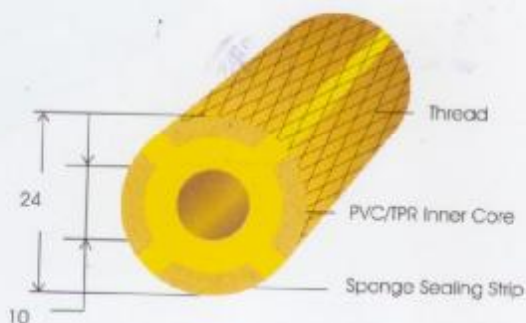
Installation Procedure

- Concrete surface where reinjectable hoses are to be installed are to be clean dry, smooth and free from dirt.
- Grouting Tube must be located 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 70-160psi. 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.

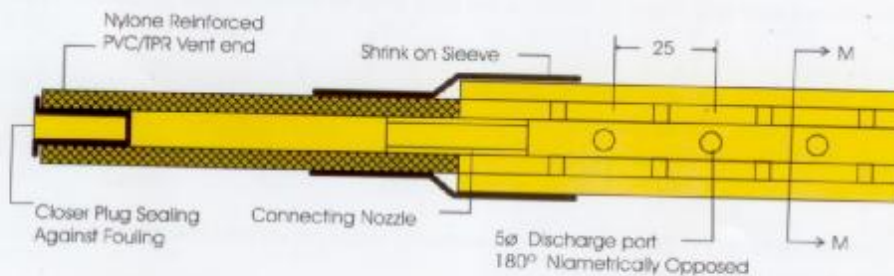


Typical Injection Pump

CROSS SECTION



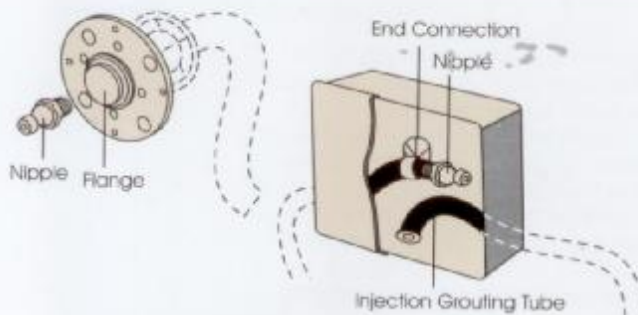
SECTION M - M





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Designing Principle of Maruti



Injection Grouting Junction Box

Installation Details



Accessories:
Maruti 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 nozzle to ensure a secure.



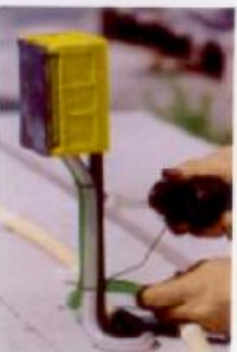
Drilling of holes for the installation of Grouting Tube.



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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Injection Grouting Tube



Injection Hose System :

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