

SPECTON INJECTA-TUBING SYSTEM

A permeable injection hose designed for waterproofing construction joints by creating a perforated channel in the joint that permits the subsequent delivery, by means of pressure injection, of resins (Polyurethane, Acrylate, Epoxy). Injecta-Tubing is typically injected after the concrete is cured and shrinkage has occurred. Injecta-Tubing can be installed on its own in construction joints, or in combination with PVC and/or Hydrophilic Swelling Waterstops.

COMPOSITION / CHARACTERISTICS

INJECTA-TUBING IS COMPRISED OF:

- Inner** – Spiral Steel Reinforcing to prevent crimping at corners and collapse during concrete placement
- Center** – Fiber Membrane prevents cement particles from clogging the Injecta-Tubing and promotes the even delivery of the injection resin.
- Outer** – Tightly woven and tough polypropylene fabric protects the center fiber membrane and further promotes the distribution of the injection resin into the joint where it is needed.

RECOMMENDED FOR

As an Injectable Waterstop System in Heavy Civil Structures:

- Horizontal and Vertical Construction Joints in Walls
- Pipe Penetrations
- Floor Slab Joints
- Butting Up a New Concrete Structure Against an Existing.
- In combination with PVC and Swelling Waterstop Systems.

FEATURES / BENEFITS

Easy to Install –

No special tools are required for installation. The complications associated with split forming at construction joints to accommodate PVC Waterstops is eliminated.

Effective –

Injecta is injected after concrete shrinkage occurs and therefore creates a long-term effective seal, even when high water pressures exist.

Multi Purpose –

Can be used alone or in combination with conventional waterstops in new construction, precast and rehabilitation applications.

Economical –

Injecta-Tubing is a simple and effective design that works.

Choice –

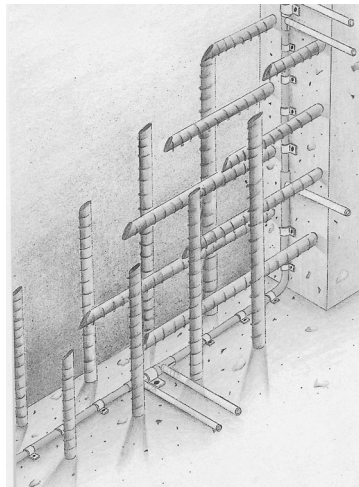
The subsequent injection of the Injecta-Tubing System can take place after the curing of the concrete at the time of construction, or in the future if and when the joint starts to leak.

Lightweight –

Injecta-Tubing is made with lightweight materials and is less buoyant than larger and heavier tubing systems.

Full Length Perforation –

Unlike hose systems with valves or isolated holes, Injecta-Tubing is totally permeable and ensures the delivery of the injection resin along the full length of the joint.



INJECTA-TUBING SYSTEM

HANDLING AND INSTALLATION

- 1 Wear gloves and safety glasses along with conventional construction safety equipment when installing Injecta-Tubing.
- 2 Cut the Injecta-Tubing to the desired length (maximum 8 LM) and install the 90-degree hose barbs into the end of the Injecta. Seal the interface between the outer fabric of the Injecta and the barb with sealing tape.
- 3 Select a suitable length of extension tubing for each end (approx _ LM) and slide it over the other end of the hose barb and clamp it on using a gear clamp.
- 4 Injecta-Tubing is then positioned along the hardened concrete and fastened at 1 foot increments (starting at one end and working your way along) typically in the center of the construction joint. Make sure that the extension tubing is secure and extends out the formwork.
- 5 The next length of Injecta is assembled and then butted up against the installed length and fastened in place.
- 6 Consult a Specton Technical Representative for specific installation and injection instructions for your Injecta-Tubing application.

TOOLS REQUIRED

- Knife
- Safety Glasses
- Hammer
- Tape Measure
- Hammer Drill
- 3/16" Drill Bit
- Sealing Tape
- Flat Head Screwdriver
- Pliers
- Wire Cutters

SAFETY PRECAUTIONS

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PACKAGING

Specton

INJECTA-TUBING SYTEM COMPONENTS:

Injecta Tubing	– 30 LM ROLLS
___" Extension Tubing	– 10 LM ROLLS
90 Hose Barbs	– EACH
___" Retaining Clips	– BAG of 100
3/16" Bang In Anchors	– BAG of 100
3/16" Drill Bits	– EACH
___" Gear Clamps	– EACH

All recommendations, data and statements contained within this document are based on tests we believe to be correct, but are not to be construed as a warranty either expressed or implied. The user shall rely on his or her own tests and information to determine the suitability of the product for the application and assumes all risk and liability resulting from his or her use of the product. The seller's and manufacturer's sole responsibility shall be to replace that portion of product that is proven to be defective. Neither the seller nor the manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from the use or inability to use the product.

PLEASE CONTACT US FOR ADVICE AND PRODUCT INFORMATION

Specton Technical Representatives are available to assist you with specific guidelines for your project and product requirements. We can be reached at:

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