



AVM Aussie Tube® AVM System 950, Aussie Tube® Injection Grouting System

Section 036400
Injection Grouting

Product Name

AVM Aussie Tube®

Manufactured by

AVM Industries, Inc.
8245 Remmet Ave, Canoga Park, CA 91304
888.414.1041 818.888.0050
www.avmindustries.com

Product Description

The AVM Aussie Tube is an Injection Tubing System designed for injecting grout into concrete walls, cold-joints and other critical areas.

Where to Use

The Aussie Tube is typically installed at cold joints, walls with blind-side waterproofing systems, concrete joints, penetrations, etc. The Aussie Tube is installed during the rebar installation phase and will remain embedded in the concrete in critical areas where grout will be injected into at a later date.

Warranty

All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore entirely your responsibility. Established liability if any, through bad application or any other reason, for any damages, is always limited to the value of the Aussie Tube goods supplied to that project.

Delivery, Storage, and Handling

- Delivery of all the Aussie Tube® components to the job site must be in their original sealed packaging, with manufacturer's name and label intact.
- Store in a cool dark place at temperatures between 50°F and 90°F. Do not store materials in direct sunlight or where they may be damaged by water or rain.
- Keep all materials out of the reach of children.

Project Conditions

Do not apply materials at temperatures below 20°F, or above 110°F if applying in direct sunlight.

System Application

Install the Aussie Tube Injection System in accordance with AVM's Installation Instructions.

Preparation of Substrates

Concrete surfaces must be structurally sound, clean, dry, free of contamination, without sharp edges that could cut or damage the tubing system.



Aussie Tube Components: (100 ft kit)

- Aussie Tube (Injection Tube) - Black expanded PE Foam with a special water-repellent coating. Comes in 100' rolls as part of a 100' kit or in bulk rolls of 820 feet (250m).
- Aussie Tube Feeder Hose - Clear plastic Feeder Hose
- Aussie Tube Elbow - Quick Connect elbow connector
- Hose Clamps - Clamps to secure both tubes.
- Aussie Tube Plugs (Optional) - End caps to close Aussie Feeder Tube.

Installation (See diagrams below)

- Cut the Aussie Tube to the desired length.
- Cut two pieces of Feeder Hose (approx. 12" - 18" each)
- Lay out the Aussie Tube in the desired location.
- Connect the Aussie Tube to the Quick Connect Elbow by forcing it into the elbow all the way in.
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- Secure the entire assembly to the footing with the clamps every 2 feet as shown on the diagram.
- Plug the Feeder Tube ends with the Plugs or seal the edges with Duct Tape.
- Install the next Aussie Tube run with a minimum 6" overlap. (As shown in the diagram)

Quality Control

- Visually inspect all the Aussie Tube Injection System components to ensure proper and secure installation.
- All unsatisfactory areas shall be repaired prior to final acceptance.

Protection of Installed Work

The completed Aussie Tube system shall be protected until concrete is poured over it. Maximum exposure to UV is 30 days.

Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

Technical Services

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com**

System Specifications

See next page.



The following coverages are based on controlled tests. Actual coverages may vary.

Aussie Tube (Injection Tube) 100% polyethylene (imperishable) and equipped with a special water-repellent coating

Diameter	Internal: 1/4 inch / External: 1/2 inch
Wall thickness	1/8 inch
Length	Max. 30 feet per run / Sold in 100' kits and bulk
Weight	6 lbs. per kit
Temperature range	Max 170 °F
Compression resistance	60 Foot of Concrete
Flow rate	Approx. 7 Gal/HR/FT (depending on the viscosity of the resin)
Color	Black

The Aussie Tube is made from Expanded PE Foam with porous structure with cells that form a zigzag passage. The cells open under pressure of the injected resin. The special water-repellent coating prevents the penetration of concrete milk into the tube's pores. The injection hose allows an optimal and uniform spread of the resin, which will be pre-injected upon concrete cure or injected in a later stage in case of leakages.

Aussie Tube is ideal for the injection of the following resins:

- Polyurethane Chemical Grouts
- Acrylate Injection Resins
- For other injection resins, consult our technical service specialist

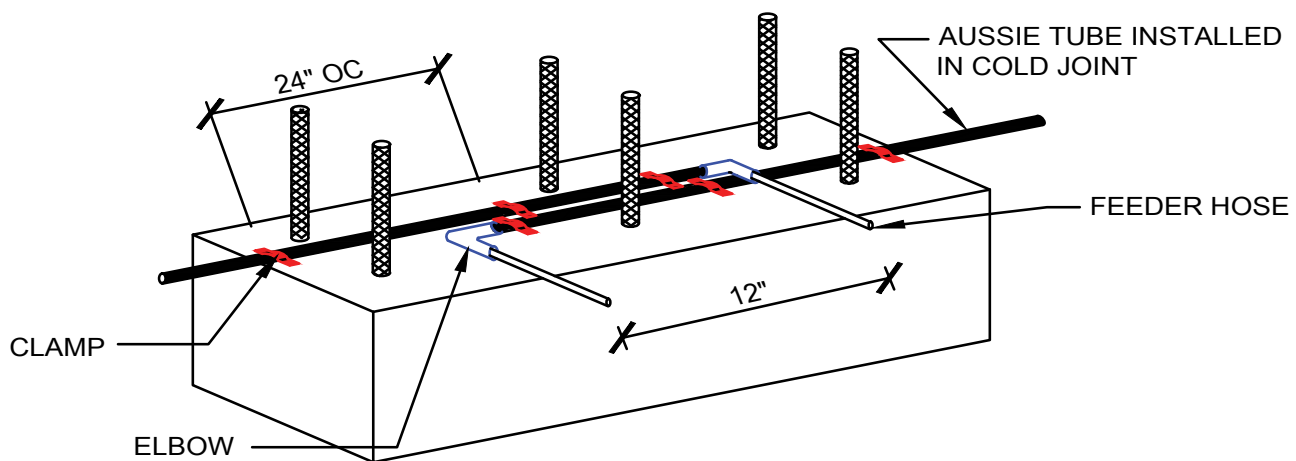
Aussie Tube Feeder Hose

Material	Crystal-clear, transparent PVC hose with woven polyester fibres
Length	Depending on the thickness of the concrete wall
Concrete height	Max. 50 feet
Temperature range	Up to 60°C / 140°F

The Feeder Hose forms the end of the Aussie Tube system, which extends out of the form work. At the end of this hose an injection nipple can be connected later on for the injection process.

Aussie Tube (Quick Connect) Elbow

This snap on connection forms the union piece between the Aussie Tube (injection tube) and the Feeder Hose. The Aussie Tube and the Feeder Hose are fastened by a simple push and pull movement in the 90° Elbow.



For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Quality Waterproofing Products



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