

# Technical Datasheet

## Injection accessories



### Cartridge / port connectors and mixers



#### **EZ couplers (Reducer, Union, EZ Tube, Zerk Adaptor)**

Connects the 1/4" static mixer from our Quick Mix cartridges directly to our injection ports (or tubing for hard to reach places). The connection reduces resin drip and allows the operator to concentrate on the injection process rather than on trying to keep the static mixer in the port. *Reducer- Item #QMR-5, Union- Item #QMU-5, EZ Tube- Item #QMT-1/4 Zerk Adaptor- Item #QMC-Z*



#### **Quick Mix reducer ball valve**

Connects the 1/4" static mixer from our Quick Mix cartridges directly to our low pressure injection ports. The ball valve can be closed to reduce waste when moving from port to port.

*Item #QMR-BV*



### **MIXERS**

#### **1/4" x 32 Element mixer (for injection resins) - 10 per pack**

Packaged standard with Prime Rez 1000, 1100, 1200; Prime Flex 900 XLV, 920 and Hydro Gel SX.

*Item #740*

#### **1/4" x 48 Element mixer (for Prime polyureas and Floor Fix) - 10 per pack**

Packaged standard with Joint Shield 5000, Joint Shield 5100, Joint Shield 5500, Floor Fix and Prime Flex 985.

*Item #741*

#### **1/2" Static mixer (for epoxy gels) - 10 per pack**

Packaged standard with Prime Rez 1600, Prime Gel 2500, Joint Shield 5000 80A, Joint Shield 5100 Caulk Grade and Prime Flex 985.

*Item #760*

#### **1/2" to 3/8" x 14" Long static mixer - 10 per pack**

*Item #761*

#### **Static mixer retainer nut**

*Item #QM-RN*



#### **High pressure coupler**

These couplers are perfectly matched to provide the tightest seal when used with our mechanical packers or Bang-In Ports.

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## Injection ports



### Injection accessories



#### **Flush Wand**

If you are doing high-pressure injection, this inexpensive tool is a must. Use it to reach the back of your drilled holes and flush out concrete dust so that it doesn't contaminate the crack during injection.

*Item #670*



#### **Stainless steel grout needle & kit**

This 1/4" stainless steel grout needle is 12" long. Use it to penetrate rubber boots for leak sealing at the manhole-pipe connection. It is also good for injecting Prime Flex polyurethane behind an activated oakum seal. We also offer a model that attaches directly to the mix nozzle of our Quick Mix and Single Shot cartridges. Custom lengths available upon request.

*Needle- Item #674, Quick Mix Kit - Item #675*



#### **Oakum**

Dry oakum is used to form surface seals and helps control gushing leaks during injection. It can also be used in combination with Prime Flex 900 XLV and Hydro Gel for the activated oakum method of sealing joints and pipe penetrations. Prime Resins oakum comes in 50 lb. or 10 lb. boxes. The oakum can be unraveled to produce additional feet of smaller strands.

*Item #690 - specify 10 or 50 lbs.*

#### **Conduit seal kit (not pictured)**

Prime Conduit Seal Kit is a quick and convenient method of stopping water seepage around pipe penetrations or around cable in conduit. Kit includes 8 pair of rubber gloves, 1 liter of Prime Flex 900 XLV in a measuring bottle, 8 bags of dry oakum (12" strip in each bag), one 2-gallon plastic water bucket, and directions for completing repair.

*Item #CDSK*

### Pump accessories



#### **High pressure flow control valve**

This is the only accessory required to turn an airless sprayer into an injection pump. It allows the operator control of resin flow at the point of injection. High pressure valve. Upt to 4,500 psi.

*Item #685-H*

## Pump accessories (continued)



### **“F” valve assembly**

This low cost valve assembly was designed to “twin stream” Prime Flex polyurethanes with water. The mix ratio is controlled by the operator using the two on/off valves that come with the assembly. This is especially useful for injecting Hydro Gel into leaking manholes. High pressure valve. 2000 psi and under. Use with grout needle kit or wall stinger nozzle. Available in carbon steel and stainless steel. *Item numbers #FG-AC F-VALVE-CS (carbon steel) and #FG-AC F-VALVE-SS (stainless steel)*



### **Wall stinger nozzle**

This attachment screws directly on top of the “F” Valve Assembly. It allows injection of chemical grout directly through a concrete structure without the need for an injection port. This is ideal for grouting behind a manhole or a below-grade wall. Not recommended for high-pressure crack injection.

*Item #WS-NOZ*



### **Eco Flush**

This non-flammable solvent is great for cleaning equipment and flushing out pump cylinders, lines, and hoses after Prime Flex injection. The special blend of solvents is designed for flushing and cleaning Prime Flex polyurethane and Prime Rez Epoxy injection resins out of injection pumps and hoses.

*Item #99-5P*



### **DM500 divorced mix manifold**

The DM500 is a compact manifold that delivers two independent streams of material into a 1/2” static mixer before entering a single material hose.

This allows the operator to move from one location to the next without having to lug around multiple hoses. The DM500 has an integrated flush system which allows you to flush both the manifold and attached dispense hose and valve/gun. It can be used to mix most of our slow set polyurethanes, polyureas and epoxies.

*Item #DM500*

Modified 9/25/18

## Soil injection accessories



### **3/8" and 3/4" soil probes**

These strong, durable soil probes are constructed of high-strength stainless steel. Just screw them onto either 3/8" or 3/4" pipe and drive them into the soil with a pneumatic driver. The resin flows through the pipe and out of the holes drilled in the diffuser section of the probe.

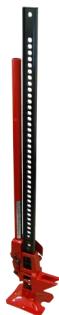
*Item #SP38, SP34*



### **3/4" expendable drive point**

Our drive point is used in conjunction with 3/4" pipes. The drive point provides a pointed end to help the pipe penetrate the ground and to keep soil and debris out of the pipe. Once the pipe is in place, it can be raised a few inches to drop the expendable drive point and allow the chemical grout to flow freely.

*Item #DP-34*



### **Soil pipe jack**

As you inject chemical grout through pipes, you may need assistance in raising a pipe out of the ground. Our pipe jack has been modified to maximize compatibility with this application.

*Item #PIPE-JACK*



### **Probe grouting gun and pipe adaptor**

This gun, manifold and adapter allows you to connect to a common pipe thread on your probe from a fixed ratio plural pump. The housing holds a 48 element 1/4" static mixer and features a cutoff ball valve to eliminate back pressure when disconnecting the adapter.

*Gun w/ whip hoses- Item #FG-PG-0007 Pipe Adaptor- Item #FG-PG-0001*