

# Technical Datasheet

## Injection accessories



### Cartridge / port connectors and mixers

Zerk Adaptor



#### **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. *EZ Tube- Item #11322, 1/4 Zerk Adaptor- Item #11319*



#### **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 #11314*



##### **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 #11316*

#### **Static mixer retainer nut (metal)**

*Item #11318*



#### **High pressure coupler**

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

*Item #11913*

*Revised 09/13/2022*

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#### **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 #11288*



#### **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. Longer lengths available, too.

*Grout Needle Kits for Quick Mix: 12" - Item #11294*

*12" - Item #12593*

*36" - Item #12594*

*72" - Item #11293*



#### **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 12 lb box.

*Item #12451*

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### 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. Up to 4,500 psi.

*Item #11914*



#### **“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 #11303 (carbon steel) and #11304 (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 #11333*



#### **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 #11258*

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### Soil injection accessories



#### **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 #11302*



#### **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 #11313*

Detailed Technical Data Sheets are available for INJECTION LANCE Components and SOIL GROUT PROBE Components

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