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PRODUCT DATA / INSTRUCTIONS

Emecole Metro Injection Packers

GENERAL DESCRIPTION

Steel injection packers with a ball-type grease nipple that functions as a non-return valve. It is designed for high-pressure injection of concrete and masonry.

Also referred to as mechanical packers, designed for the repair of cracked foundations using high-pressure injection methods, typically at pressures ranging from *200 to 4,000 psi.

They are installed in holes drilled at approximately a 45-degree angle to intersect the interior of the crack and are secured within the drilled concrete hole by compressing the rubber sleeve around its threaded steel body. Using a ring wrench or a pipe wrench and a cordless drill, tighten the packer's rubber seal clockwise over the nut so that the packer is firmly held in the drilled hole. This creates a tight, reliable seal.

Injection Packers are available in a variety of sizes. The appropriate packer size is determined by factors such as the depth of the crack and the volume of injection material required.

DISASSEMBLY: The packer is dismantled by bouncing/tapping off (with a hammer blow) or by unscrewing the packer nut. The packer head (the part with the rubber seal) can remain permanently in the borehole in the case of masonry. However, when used in concrete, this part must be removed from the borehole.

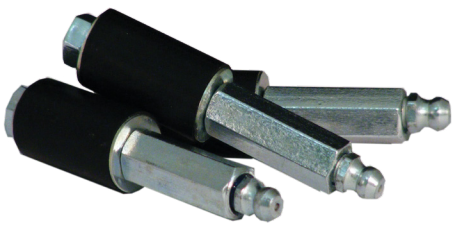
Injection Packers are suitable for:

- Cracks thinner than hairline.
- Previously repaired cracks needing further injection of material.
- Actively leaking cracks.

Connection Method	Zerk coupling
Type of nipple	Ball-head
Screw material	Galvanized steel
Nipple material	Galvanized steel
Washer & Nut material	Galvanized steel
Use	Concrete, Brick, Stone

Available sizes:

- 3/8" x 2.75" Steel
- 1/2" x 4" Steel
- 1/2" x 2.75" Steel
- 5/8" x 2.75" Steel



* PSI Depending on size of Packer

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