



PUSH-EMT[®] TECHNICAL PAPER

Re: Submittals for Mighty-Bite[™] and Mighty-Seal[®] Connectors and Couplings

Bridgeport Fittings, Inc. has developed new, revolutionary, patented and patents pending, threadless fittings for branch circuit EMT conduit. These products are called the Mighty-Seal (-MSRT) and Mighty-Bite (-MB) PUSH-EMT connectors and couplings. The fittings are suitable for use in electrical systems per NEC requirements, and are designed with the following features:

- Ready to install - right out of the box
- Push-On, extremely fast installation
- Requires no disassembly or tools* for installation
- Can easily be removed without cutting the EMT
- Can be reused
- Mighty-Seal fittings are suitable for wet locations and feature identifying blue nuts
- ½" and ¾" trade sizes
- Made of high quality zinc alloy
- Made in USA

*except for tightening connector locknut and for removal and reuse

HOW PUSH-EMT FITTINGS WORK

All PUSH-EMT fittings contain a specially designed locking device component. This locking device has multiple, equally spaced and sized teeth which are precisely sized to fit over the outer diameter of EMT conduit. When the EMT conduit is inserted, the teeth apply a preloaded pressure on the conduit resulting in a mechanically secure connection and a low impedance path for grounding and bonding.

All PUSH-EMT fittings are cULus listed to UL514B which means that they have been independently verified by UL to meet the UL514B requirements. It is important to note that they meet the **same** UL requirements for threadless EMT fittings like set screw and compression styles. Bridgeport always designs its fittings with an additional safety factor, which ensures compliance with the specification requirements.

If there are any questions related to this document, please contact me in the Engineering Department at Bridgeport Fittings.

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