Mighty-BOND™
SPLIT GROUNDING/BONDING BUSHING

Application

The Patented, Mighty–Bond™ Split Grounding/Bonding Bushing is UL Listed for use with threaded Rigid or Intermediate Metal Conduit and threaded fittings per UL 514B and UL467. Its unique, compact, labor-saving design allows an installer to install a code-compliant grounding/bonding bushing *AFTER* conductors have already been pulled through the raceway.

The National Electrical Code (NEC) Articles 250.64 & 250.92 require the use of a grounding bushing. In addition, NEC Articles 344.46 & 300.4(G) require a bushing with conductors 4AWG or larger.

Materials

Bushing Body: Die Cast Zinc Alloy
Insulator: Heat Stabilized Nylon – 150°C
Hardware: Zinc-Plated Steel
Separate Lug : Aluminum

Installation

1) Open and place the Mighty-Bond™ split bushing around the conductors and onto the top of the RMC, IMC, or fitting threaded end.
2) Close the Mighty-Bond™ bushing and align it in order to access the set screw, grounding lug, and hinge screw. Be sure the set screw has been backed out sufficiently to allow the two halves to close fully on the threaded conduit or fitting. Make sure the bushing is as far down on the conduit or fitting threads as possible.
3) Tighten the hinge screw first, followed by the set screw. Tighten enclosure bonding screw (if applicable). Tighten all screws to UL Torque requirements (35 in lb).
4) Insert the appropriate sized grounding or bonding conductor into the lug and tighten the screw. UL Recommended lug screw torque should be applied (see table below).

WIRE RANGE (AWG/MCM)		
COPPER	ALUMINUM	TORQUE (in lbs)
10-14	10-12	35
8	8	40
4-6	4-6	45
2/0-3	2/0-3	50