



**TECHNICAL SERVICES DEPARTMENT**

# BULLETIN

**No. 107**  
**June 19, 2014**  
**(Reaffirmed 11/14/19)**

## **Inclusion of Alternative Metal Types for UL 360, LFMC**

The purpose of this bulletin is to summarize the modifications to UL 360 for inclusion of alternative metal types for liquidtight flexible metal conduit.

Previously, UL 360 only allowed for use of galvanized steel in the fabrication of liquidtight flexible metal conduit. The 7<sup>th</sup> edition of UL 360 dated January 17, 2013 now allows for the use of aluminum, brass, bronze, copper, and stainless steel in addition to galvanized steel for fabrication of liquidtight flexible metal conduit. These conduits covered are intended for installation in accordance with the National Electrical Code (NFPA 70) as raceway for wires and cables.

Liquidtight flexible metal conduit may also be fabricated with a metallic braiding material between the conduit core and outer jacket. The minimum braid wire diameter is .005". When using aluminum conduit core, the braid material must also be aluminum.

Conduit other than galvanized steel is marked as follows:

<b>Conduit metal</b>	<b>Marking</b>
Aluminum	LFMC-AL
Brass	LFMC-BR
Bronze	LFMC-BZ
Copper	LFMC-CU
Stainless steel	LFMC-SS

### **Distribution List:**

Standards and Conformity Assessment Policy Committee  
Codes and Standards Committee  
NEMA Technical Services Department

## **Disclaimer**

The standards or guidelines presented in a NEMA standards publication are considered technically sound at the time they are approved for publication. They are not a substitute for a product seller's or user's own judgment with respect to the particular product referenced in the standard or guideline, and NEMA does not undertake to guarantee the performance of any individual manufacturer's products by virtue of this standard or guide. Thus, NEMA expressly disclaims any responsibility for damages arising from the use, application, or reliance by others on the information contained in these standards or guidelines.