



A PEDIGREE OF PEERLESS PERFORMANCE

QUALITY • FUNCTIONALITY • VALUE

Since 1925, Bridgeport Fittings, Inc. has extended its tradition of quality and excellence to every aspect of its organization, from the company's line of approximately 2,000 metallic and nonmetallic electrical products, advanced inspection techniques and state-of-the-art assembly equipment, to its electronic data exchange, web-based order system, consistent sales support and exceptional customer service.

The Bridgeport line of electrical fittings was developed over many years of evolutionary and revolutionary improvement. The entire product line was originally conceived in accordance with sound wiring practices and in compliance with the requirements of the National Electrical Code and Underwriter's Laboratories standards. Over the years, Bridgeport has adhered to these standards religiously in every facet of the production of every product.



At the same time, there have been many innovations in technology at Bridgeport. Each one is evaluated first according to its impact on the quality of the product, and then according to its impact on cost. The result is a line of products which are unsurpassed in quality, functionality, and ability to deliver uncompromising value.

SEE FOR YOURSELF

Bridgeport Fittings offers any contractor, inspector, distributor, or manufacturer's representative a standing invitation to visit and inspect our facility. We invite you to tour our factory and see first hand the people and processes behind Bridgeport's quality. Call us and let us know when you plan to be in our area.

Why does Bridgeport use Specific Zinc Alloys?

The basic raw material from which most Bridgeport cable and conduit fittings are manufactured is a zinc die casting alloy which is closely controlled by specification, certification, and outside analysis.

ZINC ALLOY SPECIFICATIONS

The basic specifications of Bridgeport's zinc alloys are found in ASTM B86. These primary alloys, designated as ZAMAK 7, ZAMAK 3, or ZA-12, are expressly specified by Bridgeport. We only use the highest purity zinc alloys to ensure the highest quality castings. (See Appendix VI)

The functional advantages of these particular alloys and their purity include increased dimensional stability, and reduced inter-crystalline oxidation in our finished castings. In simple terms, it means that Bridgeport's fittings can adhere to tighter tolerances, and won't get brittle and crack no matter how long ago they were manufactured.

MATERIAL CERTIFICATIONS

The certification of every delivery of alloy or raw material received by Bridgeport guarantees that all material used conforms to the specification as described under [Appendix V & VI](#).

In the case of our zinc alloys, these certifications are made by our vendor in accordance with ASTM B86. Each batch is chemically analyzed using Emission Spectrochemical Analysis, and reported by the vendor's laboratory on a certification document that accompanies each delivery. These certifications are legal documents that warrant the chemical composition of the zinc alloy and ultimately help guarantee the quality of Bridgeport's zinc castings.

We also require certifications for other raw materials which are used in listed product. An example is UL Listed plastic components must be certified to pass the UL94V Flammability Specification Test.

These certifications are examined at several points before a delivery is accepted. Receiving, Quality Control, Die Casting, Purchasing, and Accounts Payable personnel all review the certifications.