

The Premium Material for Couplers and Plugs!

Invest in the future of couplers and plugs with eBrass. Upgrade your equipment to a material that exceeds expectations in performance, compliance, and durability. Don't settle for less when you can choose eBrass.

RoHS, introduced in 2003, limits the use of hazardous substances in electrical and electronic equipment (EEE) to minimize environmental and health risks during disposal and recycling. It restricts substances like lead, mercury, cadmium, hexavalent chromium, PBBs, and PBDEs. Manufacturers, importers, and distributors must comply with RoHS regulations to market their products in the EU.

REACH, implemented in 2007, focuses on the safe use and management of chemicals. It requires manufacturers and importers to register substances produced or imported in quantities over one ton per year. REACH aims to assess and control risks associated with chemical substances, promote safer alternatives, and restrict hazardous substances when necessary.

Copper (Cu) - 75-77
Zinc (Zn) - Balance
Silicone (Si) - 2.7 - 3.5
Phosphorus(P) - 0.02 - 0.1
Lead (Pb) - ≤ 0.1 - Compliant with RoHS & REACH

eBrass is low lead (pb) and has a minimum of 20% reduction in Zinc, this reduces the chance of dezincification, stress corrosion and failure.



Dezincification Protection: eBrass incorporates a low zinc content and added nickel plating to combat dezincification. The lower zinc content (around 20% less than standard machining brass) provides added protection against zinc leaching in application. Additionally, the nickel plating acts as an extra barrier, forming a protective layer.

This combination of low zinc content and nickel plating in eBrass effectively preserves the structural integrity and longevity of eBrass couplers and plugs.

Strength and Durability: eBrass possesses high strength, making it ideal for applications requiring couplers and plugs that can withstand rigorous usage. Its uncompromising strength ensures durability and reliability, reducing the risk of breakage or failure. This strength advantage positions eBrass as a reliable choice over competitors that may not offer the same level of robustness.

Versatility: eBrass finds its application in a wide range of industries, including automotive, emergency safety, gas, water, cleaning, chemical, and pharmaceutical sectors. Its excellent properties and performance make it suitable for various applications, such as compressed air systems, plumbing, fittings, and connectors. This versatility sets eBrass apart from competitors that may have more limited