

Type	Material
FB090	CuSn8P0.3 / CuSn6.5P0.1
FB091	CuSn8P0.3 / CuSn6.5P0.1
FB092	CuSn8P0.3 / CuSn6.5P0.1
FB094	CuSn8P0.3 / CuSn6.5P0.1
FB09G	CuSn6.5P0.1 + Gr

### Technical Insights on FB Bronze Wrapped Bushings

**Q:** What are the primary materials used in the CHANNOV FB series bushings? **A:** The standard models in this series, including FB090, FB091, FB092, and FB094, are primarily composed of CuSn8P0.3 or CuSn6.5P0.1 bronze alloys. These materials are selected for their excellent wear resistance and load-bearing capabilities in industrial applications.

**Q:** How does the FB09G model differ from other bushings in the FB series? **A:** Unlike the standard tin-bronze models, the FB09G utilizes a CuSn6.5P0.1 base material enriched with Graphite (Gr). This addition of graphite provides enhanced self-lubricating properties, making it suitable for environments where additional oil lubrication may be difficult to maintain.

**Q:** Are the material compositions for FB090 through FB094 identical? **A:** Yes, according to the technical data, models FB090, FB091, FB092, and FB094 all share the same material options of either CuSn8P0.3 or

CuSn6.5P0.1. The functional differences between these specific types typically lie in their surface indentations (such as diamond or circular oil sockets) rather than the base metal chemistry.

[CHANNOV AUTO PARTS](#) is a leading manufacturer in the production Oilless Bush, Marginal Lubricating Bush, Bimetal bushing, Bronze Bush, Solid Lubricant Embedded Bush, Cast bronze bearing, Teflon bushing, FR bearing, Door hinge bushing. If you want to know more about material or get a free inquiry, please contact us: [info@channovprecision.com](mailto:info@channovprecision.com) , we will reply to you within 2 hours.