



Manufacturers of Custom Welding Lines for Resale
www.selectrode.com

SELECTRODE 3750 1 Step Aluminum Bronze Powder

FEATURES & APPLICATIONS

Our 3750 powder is an aluminum bronze powder specially processed by a proprietary process to work as a self-bonding one-step material. 3750 coatings offer good wear resistance and are used for soft bearing applications.

”One Step” powders are specially manufactured to combine a bonding mechanism into each powder particle

- Proprietary ”One Step” design eliminates the need for bond coat application.
- Balanced particle distribution maximizes spray efficiency and minimizes fuming.

TYPICAL PROPERTIES

Nominal Chemistry	Al 10% wt, Cu bal. Particle Size: -140+325 mesh
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Melting Temperature:	1895°F (1035°C)
Coating Hardness	RB 50
Coating Density	6.7 g/cc
Application	worn out and mis-machined parts, piston guides, brake drums

3750 coatings can be machined easily when using standard carbide tipped tools. The resultant coatings can be buffed to a high polish.