



WESTERN STATES METALS

PRODUCT SPECIFICATION

C95400 Continuous Cast Aluminum Bronze Wearplate

Continuous Cast Aluminum Bronze Wearplate in alloy C954 are available in 144" lengths with ranges 1/4" x 1" to 3" x 3"

Typical Properties

Note: not to be used for specification purposes.

Chemical Composition

Aluminum	10.0 – 11.5%
Iron	3.0 – 5.0%
Copper	Balance

Minimum Physical Properties

Tensile Strength PSI	85,000
Yield Strength PSI	32,000
Elongation in 2"	12%
Brinell @ 3000 KG Load.....	170

Maximum Operating Temperature

500 °F

Comparable Alloy Specifications

C954; 9C

Common Manufacturing Specifications

ASTM B505; QQ-C-390B, Type III

Nominal Stock Allowances

Thickness085"
Width up to 5"085"
5" and over110"

Miscellaneous

Maximum deviation from straightness due to twist, waviness or full camber is 1/4" in any 5 feet. Width flatness to be within stock allowances.