

Specifications:

AWS A5.28
ASME SFA 5.28
AWS ER80S-B6
UNS S50280

Properties:

Tensile Strength: 78, 500 psi min.
Yield Strength: 60,500 psi min
Elongation: 20% min.

Description:

WT 80S-B6 is a low alloy copper coated wire that is used in welding creep resistant steel. Often used for elevated temperature creep service and corrosion resistance. It is often used in the petrochemical and refinery industries. Preheat and interpass temperatures should be maintained no less than 350°F.

Available in multiple sizes and diameters.

Chemical Composition (Wt%):

Si	Mn	S	P	C	Cu	Cr	Mo	Ni	Other
0.5	0.40-0.70	0.025	0.025	0.10	0.35	4.5-6.0	0.45-0.65	0.6	0.5

Note: Single values are maximum unless otherwise noted

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.