



WASHINGTON ALLOY CO.

TRUSTED QUALITY. UNDENIABLE PERFORMANCE. INDUSTRY HERITAGE

EAGLE STRIKE

7018+ QUICK STRIKE FEATURE OFFERS TOP LEVEL PERFORMANCE.



Quick strike tip eliminates arc freeze.
Easy re-strike for efficient welding

GENERAL PURPOSE LOW HYDROGEN mild steel electrode recommended for all-position welding of low to high carbon steels typically used in barge/ship building, offshore drilling rigs, power, petrochemical and boiler plants, etc.

SPECIALLY FORMULATED to yield high quality welds with excellent operator appeal and very easy, self-peeling slag removal and is easy to control with a smooth, stable arc, flat or slightly convex, finely rippled bead appearance and superb wetting in. Good for poor to tight fit-ups on new or fatigued steel, skip or tack welding in flat, horizontal, vertical or overhead positions.

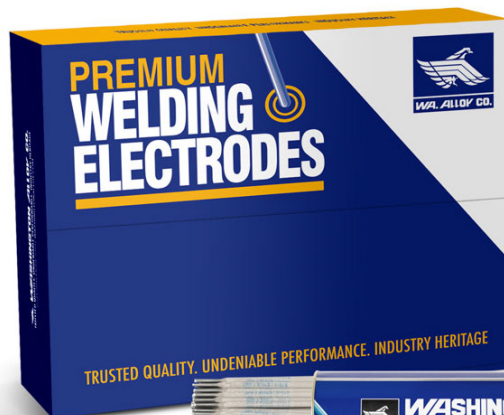
THE UNIQUE COATING FORMULATION resist moisture pickup that helps ensure cracking or porosity issues commonly found with excess moisture and allows up to 9 hours of exposure listed in AWS D1.1

Typical Weld Metal Chemistry (%)

	AWS Specs	Typical Weld Metal
Carbon	0.15	0.07
Manganese	1.60	1.42
Silicon	0.75	0.28
Phosphorus	0.035	0.015
Sulfur	0.035	0.009
Nickel	0.30	0.04
Chromium	0.20	0.06
Molybdenum	0.30	0.008
Vanadium	0.08	0.007

Typical Weld Metal Properties

	AWS Specs	Weld Metal
Tensile Strength(psi)	70,000 min	85-100,000
Yield Strength (psi)	58,000 min	55-63,000
Elongation in 2"	22% min	23.9-27%
Charpy V-notch -50°F	20 ft lbs min	103
-20°F		135
Diffusible Hydrogen	<4.0	2.76



Available sizes:

3/32"
1/8"
5/32"
3/16"

(other sizes -please inquire)



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