

**MIDALLOY CHROMAX E308/308H-16 COATED ELECTRODE**

**CLASSIFICATION**

- AWS/SFA 5.4 Class E308-16/E308H-16/ASME SFA 5.4 Class E308-16/E308H-16

**DESCRIPTION**

- Midalloy Chromax E308-16/E308H-16 coated electrode is an AC-DC coated electrode with a titania coating. This produce can be used in any standard position without difficulty.

**APPLICATION**

- Midalloy Chromax E308-16/E308H-16 is primarily used to weld unstabilized 18-8 stainless steels.
- These electrodes are typically used for joining types 301, 302, 304, 305, and 308 base material grades.
- Typical applications include dairy, distillery, and restaurant equipment and various chemical tanks.

**TYPICAL CHEMISTRY**

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	N
.05	1.8	.020	.005	.55	.11	9.8	19.2	.08	.06

F#5 A#8

**TYPICAL MECHANICAL PROPERTIES**

Tensile Strength	84,000 PSI
Yield Strength	59,000 PSI
Elongation	46%

**RECOMMENDED WELDING PARAMETERS**

WELDING POSITION	DIAMETER	AMPERAGE
FLAT	3/32"	35-55
	1/8"	50-85
	5/32"	80-120
	3/16"	100-150
VERTICAL / OVERHEAD	3/32"	30-50
	1/8"	45-80
	5/32"	70-110
	3/16"	90-135

**STANDARD PACKAGING**

- 3/32" – 8 lb. Can, 48 lb. Carton
- 1/8", 5/32", 3/16" – 10 lb. Can, 60 lb. Carton

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