



Arcos 16/8/2

CLASSIFICATIONS: AWS A5.9, ASME SFA 5.9, UNS S16880

DESCRIPTION: Arcos 16/8/2 wire is primarily utilized for welding stainless steel Types 16-8-2, 316 and 347 for high pressure, high temperature piping systems.

APPLICATIONS: Arcos 16/8/2 is well suited for welding cat crackers and furnace parts as well as components in the petrochemical, chemical processing and power generation industries.

DIAMETERS: .035", .045", .063", 3/32", 1/8", 5/32", 3/16"

TYPICAL MECHANICAL PROPERTIES:

Tensile Strength (psi)	90,000
Percent Elongation	37

TYPICAL CHEMICAL COMPOSITION:

C	Cr	Ni	Mo	Mn	Si
.06	15.5	8.5	1.3	1.4	.40

Arcos 16/8/2

CLASSIFICATIONS: AWS A5.4, ASME SFA 5.4, UNS W36810

DESCRIPTION: Arcos 16/8/2 provides additional safety in welding highly restrained joints or crack sensitive alloys. This electrode features good hot ductility properties and offers relative freedom from weld and crater cracking.

APPLICATIONS: Arcos 16/8/2 is utilized for welding Types 16-8-2, 316 and 347 stainless steels in high temperature piping systems. This electrode product is well suited for welding cat crackers and furnace parts as well as petrochemical and power generation industry components.

DIAMETERS: 3/32", 1/8", 5/32", 3/16"

TYPICAL MECHANICAL PROPERTIES:

Tensile Strength (psi)	88,000
Percent Elongation	42

TYPICAL CHEMICAL COMPOSITION:

C	Cr	Ni	Mo	Mn
.05	15.5	8.5	1.2	1.2

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Product headers in red indicate a bare wire electrode, i.e:

ARCOS 16/8/2

Product headers in blue indicate a covered electrode, i.e:

ARCOS 16/8/2

Product headers in red indicate a bare wire electrode • Product headers in blue indicate a covered electrode