

FONTARGEN A 303

Silver brazing alloy, cadmium-free



DIN EN 1044:	AG 206
DIN 8513:	L-Ag20
EN ISO 3677:	B-Cu44ZnAg(Si)-690/810

Composition, typical analysis (% w/w):

Ag	Cu	Zn
20	44	36

Mechanical and physical properties:

Working temperature:	810 °C
Melting range:	690 - 810 °C
Specific gravity:	8.7 g/cm ³
Tensile strength:	380 - 450 N/mm ²
Elongation:	25 %
Electrical conductivity:	10.6 Sm/mm ²
Hardness:	125 BHN

Characteristics / Applications:

Silver-bearing, cadmium-free brazing alloy insensitive to overheating for gap and joint brazing of alloyed and unalloyed steel, nickel and nickel alloys, malleable cast iron, copper and copper alloys and carbides. Perfect colour match with brass. The silicon contained in the brazing filler metal can reduce the mechanical property values of welded carbon steels. For brazing joints at working temperatures of max. 300 °C.

Heat sources:

Acetylene torch, induction and resistance heating

Flux:

F 300 - Series

Availability:

Bare rods	Coated rods	Wire	Foil	Preforms	Powder	Paste
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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