

# FONTARGEN A 308 V

## Silver-Copper-Eutectic



ISO 17672:	Ag 272 <sup>a</sup>
DIN EN 1044:	AG 401
DIN 8513:	L-Ag72
EN ISO 3677:	B-Ag72Cu-780
AWS A 5.8:	BAG-8

### Composition, typical analysis (% w/w):

Ag	Cu
72	28

### Mechanical and physical properties:

Working temperature:	780 °C
Melting range:	779 °C (Eutectic)
Specific gravity:	10 g/cm <sup>3</sup>
Tensile strength:	340 - 390 N/mm <sup>2</sup>
Elongation:	17 %
Electrical conductivity:	46.1 Sm/mm <sup>2</sup>

### Characteristics / Applications:

Zinc- and cadmium free alloy with good flowing properties for gap brazing in vacuum and for vacuum-sealed joints of alloyed and unalloyed steel, nickel and nickel alloys. Very good vacuum durability even at high temperatures. Also suitable for joints of copper and copper alloys. The brazing alloy is coalesced in vacuum with a minimum purity of 99.9 %.

### Heat sources:

Vacuum furnace, inert gas furnace, acetylene torch, induction and resistance heating, TIG-torch

### Flux:

F 300 - Series

### Availability:

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

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