

# FONTARGEN A 311

## Silver brazing alloy, cadmium-free



ISO 17672:	Ag 244
DIN EN 1044:	AG 203
DIN 8513:	L-Ag44
EN ISO 3677:	B-Ag44CuZn-675/735
AWS A 5.8:	BAG-5

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

Ag	Cu	Zn
44	30	26

### Mechanical and physical properties:

Working temperature:	730 °C
Melting range:	675 - 735 °C
Specific gravity:	9.1 g/cm <sup>3</sup>
Tensile strength:	400 - 480 N/mm <sup>2</sup>
Elongation:	25 %
Electrical conductivity:	11.2 Sm/mm <sup>2</sup>

### Characteristics / Applications:

Cadmium free brazing alloy with good fluidity and capillary flow characteristics. For gap and joint brazing of alloyed and unalloyed steel, nickel and nickel alloys, malleable cast iron, copper and copper alloys and carbides. Approval: Marine code VG 81245, section 3. Also suitable for copper pipe installation according to DVGW work certificate GW 2. For brazing joints with a working temperature of max. 300 °C.

### Heat sources:

Acetylene torch, induction and resistance heating

### Flux:

F 300 - Series

### Approval:

Marine code VG 81245, section 3  
DVGW work certificate GW 2

### 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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