

FONTARGEN HTL 14

Gold-based high-temperature brazing paste



DIN EN ISO 17672:	Au 827
DIN EN 1044:	AU 105
EN ISO 3677:	B-Au82Ni-950
AWS:	BAu-4

Composition, typical analysis (% w/w):

Au	Ni
82	Remainder

Mechanical and physical properties:

Working temperature:	950 °C
Melting range:	949 - 1004 °C
Gap width:	up to 0.04 - 0.10 mm
Metal content:	≈ 90 % w/w
Oxidationresistant up to:	815 °C

Characteristics / Applications:

The flux-free brazing alloy HTL 14 has a wide range of applications in the steel engine construction. This standard Au-Ni brazing alloy is universally used for brazing of alloyed steel and Ni-alloys where high stability and good high-temperature corrosion resistance is demanded.

Application:

Manually or automatically with pneumatical or mechanical dispensing units.

Heat sources:

Inert-gas continuous furnace Argon	Inert-gas continuous furnace Hydrogen	Vacuum furnace
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Availability:

Paste HTL 14 AP	Powder HTL 14
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/10/JL/1