

GASFLUX GF-72 NICKEL SILVER BRAZING ALLOY

Alloy 773 UNS/CDA C77300

AWS A5.8 Class RBCuZn-D

ASME SFA5.8 Class RBCuZn-D

Chemical Composition of Nickel Silver Alloy (RBCuZn-D)

Cu	Zn	Si	Al	Pb	Ni	P	Total Others
46.0-50.0%	Balance	0.04-0.25%	0.01%	0.05%	9.0 – 11.0%	.25%	0.50%

Single values are maximum unless otherwise specified. "Total Others" is copper(Cu) plus the sum of the named elements is 99.5 min.

Melting point: 1715°F (935°C)

Solidification: 1690°F (921°C)

Tensile Strength, psi: 80,000 (avg.)

Brinell Hardness: 120

GF-72 Nickel Silver is a high quality copper/zinc alloy with the addition of approximately 10% nickel to limit fuming and enhance strength. Nickel Silver is used primarily in the brazing of tungsten carbide and metal furniture. It is most commonly used for the brazing of tungsten carbide, steel and nickel based alloys.

