



AUFHAUSER Ni-80

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AUFHAUSER Ni-80 is an eutectic nickel-based brazing alloy suitable for brazing nickel, super alloys, stainless steels and other assemblies which require good joint strength at high temperatures with excellent corrosion and oxidation resistance. Some of the applications for this filler metal are highly stressed sheet metal components, jet engine parts, and assemblies used in corrosive conditions.

Meets AWS A5.8 BNi-9; G.E. B50TF207.

Technical Data

Nominal Composition, wt. %

Cr	15.0 %	Co	0.1 % max	P	0.02 % max
B	3.7 %	C	0.06 % max	S	0.02 % max
Fe	1.5 %	Al	0.05 % max	Se	0.005 % max
Ni	Bal.	Ti	0.05 % max	Zr	0.05 % max

Nominal Melting Temperature:

Solidus: 1930°F (1055°C)

Liquidus: 1930°F (1055°C)

Brazing Range:

1950°F to 2200F (1066°C to 1204°C)

Forms Available

Powder, paste, foil, tape