

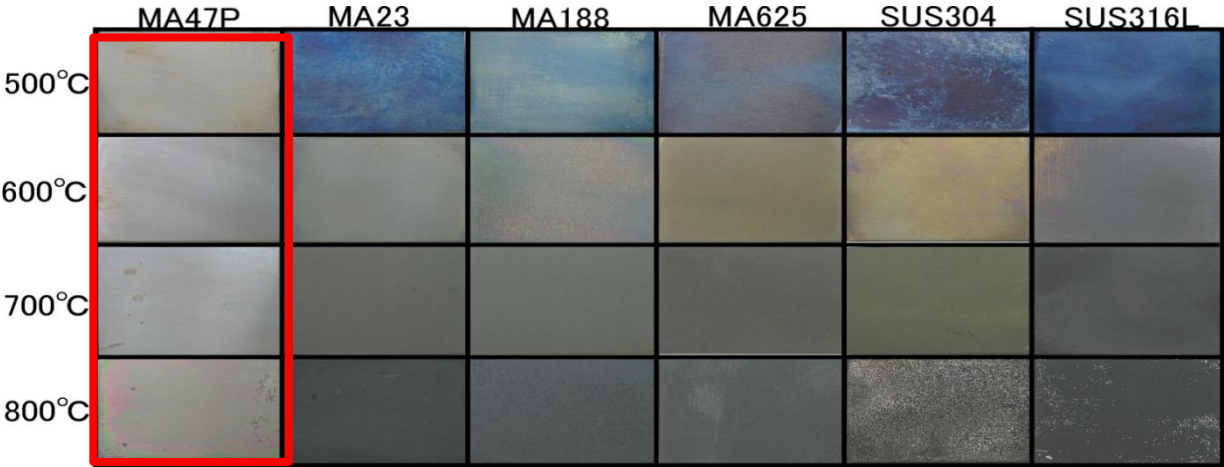
MA47P

Pat.
[Ni-2Cr-4Al-1.5Si-0.5Mn (mass%)]

Nickel Based Alloy that has Superior Oxidation Resistance

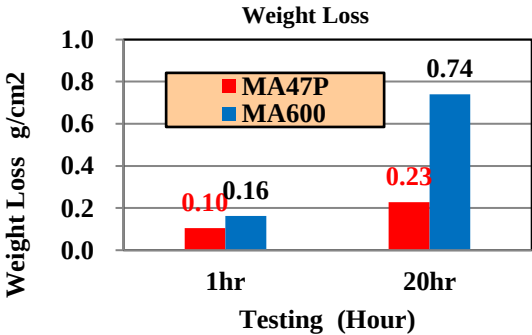
MA47P has outstanding oxidation resistance, and is the perfect material for customers experiencing problems of contamination that comes from scales from oxidation, and reactions from Chrome components and processed materials .MA47P specializes in oxidation resistance, and is used for applications used in oxidizing atmospheres such as furnace containers, mesh belts, trays, and the heat furnace itself.

Tested at each temperature in oxidizing atmosphere



Hardly any Oxidizing Scale !
Superior Oxidizing Resistance !
We will solve your contamination problems!

Corrosion Resistance ; PbO



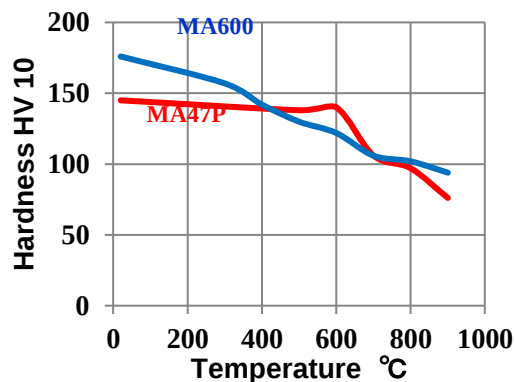
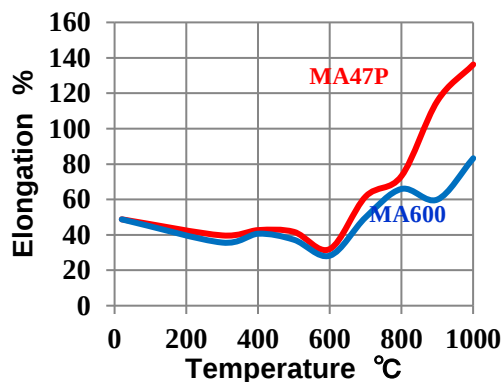
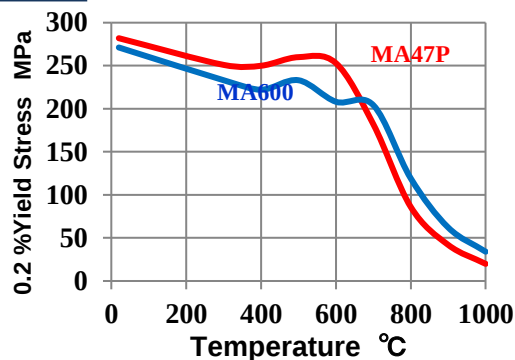
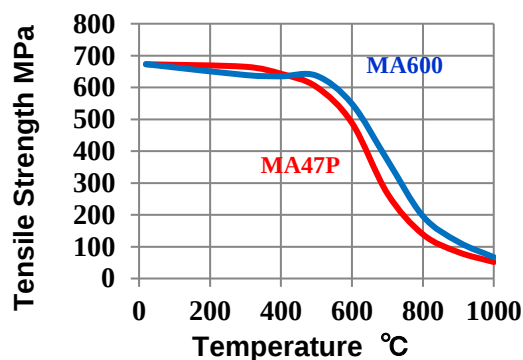
Appearance After testing



Physical Properties

Density	8.29	g/cm ³
Melting Temperature	1357~1418	°C
Thermal Coefficient of Expansion (Room Temp ~1000°C)	17.2×10 ⁻⁶	/°C
Specific Heat (Room Temp)	18.4	W/m · K
Electric Resistance (Room Temp)	57.5	μΩcm

Mechanical Properties, Hardness



- MA47P is a Patent Pending Alloy.
- Data in this brochure are typical values and is not a guaranteed value.
Physical testing is required for selection of material for individual applications.

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