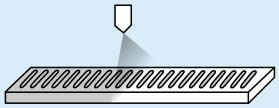
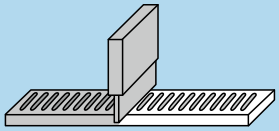
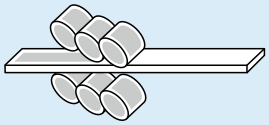
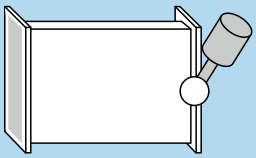
Brazing materials and their lineup

We propose Brazing products to meet a wide variety of coating method.

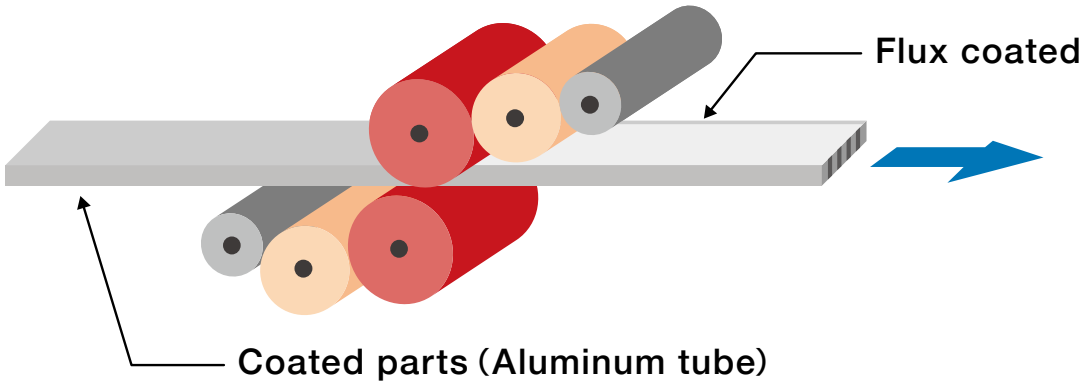
Coating method	Coating method	Characteristics
Flux containing NHP-NV112	Spray coating 	・Suitable for the bent or curved surface coating
Flux containing NHP-X1002-39F	Flow coating 	・Make it possible to coat partially to the parts
Flux containing NHP-X1001-50F Silicon containing NHP-X1003-50FS(EX) Zinc containing NHP-X2200-50Z	Roll coating 	・Suitable for the flat surface coating ・Good evenness ・Good yield
Flux containing NHP-X109-50FG Metal containing NHP-X1600	Dispense coating 	・Make it possible to feed properly to the parts ・Good yield

※Handle a lot of brazing materials except the above.

NHP ~Paint flux for roll coating~

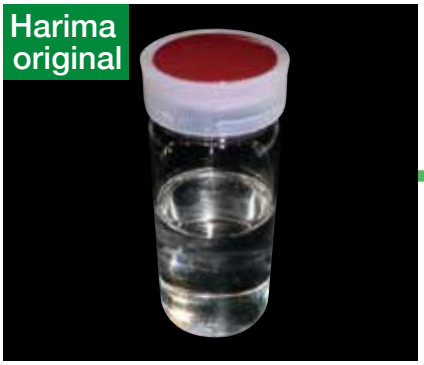
The paint flux provides good adhesiveness and excellent thermal decomposition derived from Harima developed binder.

What is roll coating?



The technology of making evenness coating by roll printing

Paint flux for roll coating



Thermal degradable binder
Functions; adhesiveness and good degradability

Flux (Potassium fluoroaluminate)
Function; removing oxide film on Aluminum surface

Paint flux for roll coating
Functions; suitable viscosity for coating and making strong coated film

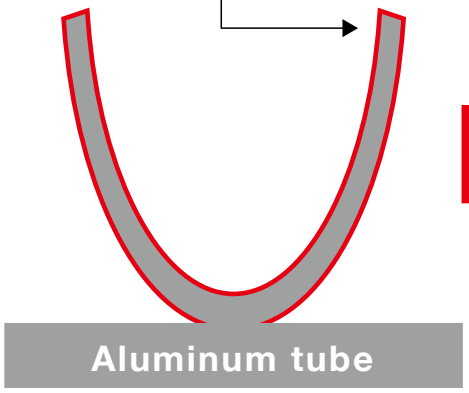
Paint flux for roll coating makes it possible to coat by optimum flux amount

ACBP ~Anti-corroding clad-less brazing paint~

The brazing paint allows clad-less brazing as well as provides corrosion resistance on Al surface after brazing.

Clad and clad-less

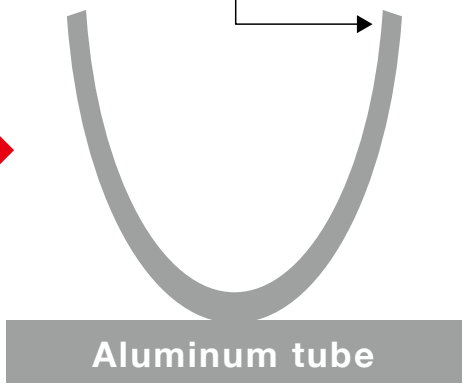
Clad fin
Outer; Al-Si alloy(for brazing)
Inner; Al-Mn-Cu alloy



Expensive as cladding parts

costsaving

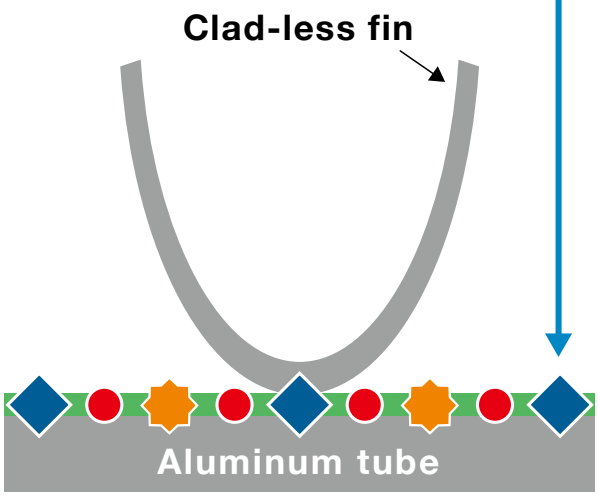
Bare fin(Clad-less fin)
Al-Mn-Cu alloy



Inexpensive because of single material,
➡But supply of Al-Si alloy is needed

ACBP

To make full use of bare fin



Ingredients and functions of ACBP

Ingredients	functions
Si	Joining
Zn	Anti-corroding
Flux	Removing oxide film
Binder	Adhesiveness
Solvent	Controlling viscosity

Make it possible to provide not only joining but also anti-corroding