



FUKKOL

Nourishment for
Your Machines

TECHNICAL DATA SHEET

WELDING HEAT RESISTANT COMPOUND



Brief introduction:

FUKKOL Welding Heat Resistant Compound It is an insulating paste made of ceramic matrix and various insulating materials, It can withstand high temperature of 4000 C. It can prevent heat transfer of welding and brazing up to 4000 C in millimeter range, prevent coating from burning and avoid time-consuming disassembly process.

purpose:

Fusion welding and brazing of pipes, chassis, metal sheets, such as welding of thermal sensitive components such as aircraft wings, electronic circuit boards, etc.

Advantage:

1. Reusable ceramic thermal protection paste, suitable for heat insulation of fusion welding and alloy welding.
2. No thermal damage will occur on the surface of workpiece to avoid distortion, warping and distortion of thin plate during welding.
3. It can prevent heat transfer of soldering and lead-tin soldering at temperatures up to 4000 C in millimeter range.
4. It also provides higher safety protection, such as in the vicinity of oil and fuel pipelines.
5. There is no need to disassemble and reassemble heat-sensitive components, no burning of cables and insulating layers, no unnecessary decomposition, no impact on coatings, no damage to chromium-plated layers and plastic surfaces.

Usage method:

1. Apply 6-8mm thick insulation paste to exposed surface beside welding position.
2. When used in pipes, rods and metal strips, adequate heat insulation areas should be set aside on both sides of the welding position.

Characteristic:



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product	Welding Heat Resistant Compound
Appearance	Light paste
Density 25°C, g/cm ³	1.05
Freezing Point(°C)	0°C
Water solubility	dissolve in water

Matters needing attention:

1. Avoid direct sunlight and store at less than 50 degrees Celsius.