



QUALITEK®

2020 and 2100 Wave Oil

DESCRIPTION

2020 Water Soluble Wave Oil is a highly refined synthetic oil to which an effective dross inhibiting agent has been added to reduce the excessive build-up of dross in the solder pot. It provides longer life and less smoke than most solvent soluble tinning oil. It is compatible with rosin-based flux and all types of organic acid fluxes.

2100 Solvent Soluble Wave Oil is a high quality tinning oil containing dross inhibiting agents. In applications where oil is required, 2100 facilitates flow at use temperatures. 2100 provides longer life, less smoke and reduced carbonization when compared with other solvent soluble oils.

APPLICATION METHODS

2020 can be added to the solder surface, forming a thick blanket to prevent dross formation. It is highly recommended for still pot and wave soldering equipment. In a wave soldering system, oil should be changed periodically and fresh oil added. When used in an oil-intermix wave system, simply immerse parts or PC boards in water to remove excess oil and to prevent excess foam accumulation in cleaning equipment.

2100 can be added to the solder surface to form a thick blanket. All soldering oils must be changed at regular intervals to prevent carbonization, but 2100 has the ability to perform over a long period of time without a change in its original properties. To maintain optimum production levels, the recommended interval before the oil needs to be changed is 8 to 12 hours. 2100 soldering oil can be removed with any cold or vapor cleaning solvents and is completely compatible all rosin based fluxes.

PHYSICAL & CHEMICAL CHARACTERISTICS

	2020	2100
Color and Appearance	Light Amber Liquid	Dark Amber Liquid
Specific Gravity	1.054 +/-0.010	0.890 +/- 0.006
Flash Point (TCC)	>450°F	490°F
Flash Point (COC)	>600°F	>600°F
Shelf life (un-opened)	Indefinite	Indefinite
W.E.R. (Water Extract Resistivity) ohms-cm	>500,000	>500,000

PACKAGING & STORAGE

2020 and 2100 Wave Oil is available in 1, 5 and 55-gallon containers. It should be stored at room temperature under dry conditions.

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Consult MSDS for health and safety information