

# Kester HM531

Water Soluble, Halide-Free Solder Paste

## Ideal water soluble paste for any application

Kester HM531 is a halide-free, organic acid, water soluble solder paste that provides the highest level of lot to lot, batch to batch consistency and performance. HM531 provides hours of stable stencil life, tack time and repeatable print definition. HM531's robust printing characteristics result in consistent solder paste volume regardless of idle time, stencil life and print speed. This high-performance water soluble paste make the HM531 an ideal water soluble solder paste for any application.



## Key Features

- Outstanding batch-to-batch consistency
- Excellent anti-slump characteristics minimizing bridging defects
- Capable of 60+ minute idle times in printing
- Capable of print speeds up to 150 mm/sec (6 in/sec)
- Excellent solderability to difficult lead-free metallization with a leaded paste
- Residues easily removed with hot DI water, even up to 8 hours post reflow
- Minimal foam generation in wash systems
- 8+ hour stencil life
- Classified as ORM0 per J-STD-004
- Produces minimal voiding underneath BGA components
- Compatible with enclosed print head systems

