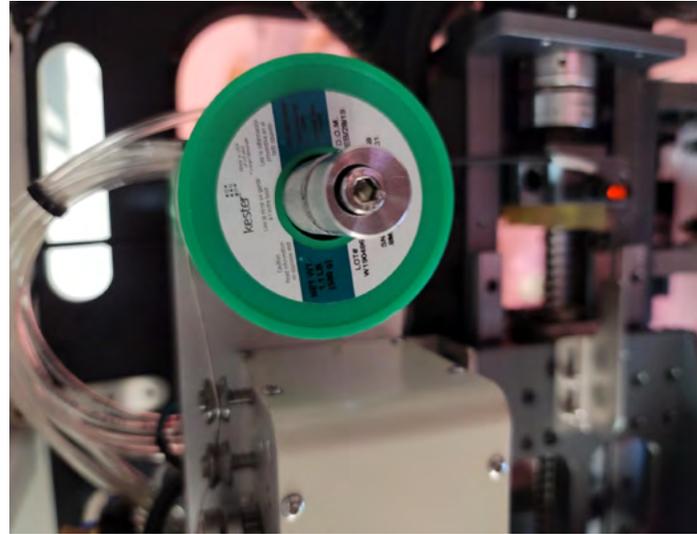


# Kester® 268 Flux-Cored Wire

Zero-Halogen, No-Clean Cored Wire for Robotic & Manual Soldering

## Flux-Cored Wire Optimized for Robotic Soldering

Kester 268 Flux-Cored Wire is a zero-halogen wire optimized for robotic soldering applications. With its unique chemistry system, 268 provides consistent workability performance for both robotic and manual soldering in the electronics industry, with performance equivalent to conventional halogen/ halide-based systems.



## Key Features

- Low occurrence of solder ball spatter
- Conforms to halogen-free requirement of IEC 61249-2-21, JPCA-ES-01 and IPC-410B specifications with no intentionally added halogens and halides
- Low smoke and odor
- Excellent wetting speed and spread; superior to halogenated materials
- Clear residue, resulting in excellent joint aesthetics after soldering
- Excellent surface wettability and spreading suitable for robotic soldering and manual soldering
- Excellent manufacturing consistency and uniform quality, minimizes defects for all types of soldering
- Classified as ROL0 per J-STD-004B



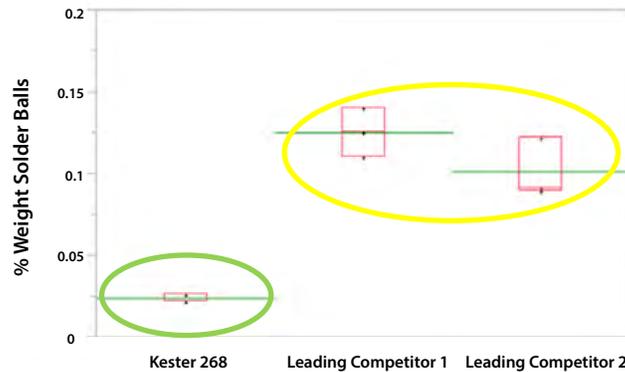
\*Zero-halogen is defined as no halogen intentionally added to the formulation.



# Kester® 268 Flux-Cored Wire

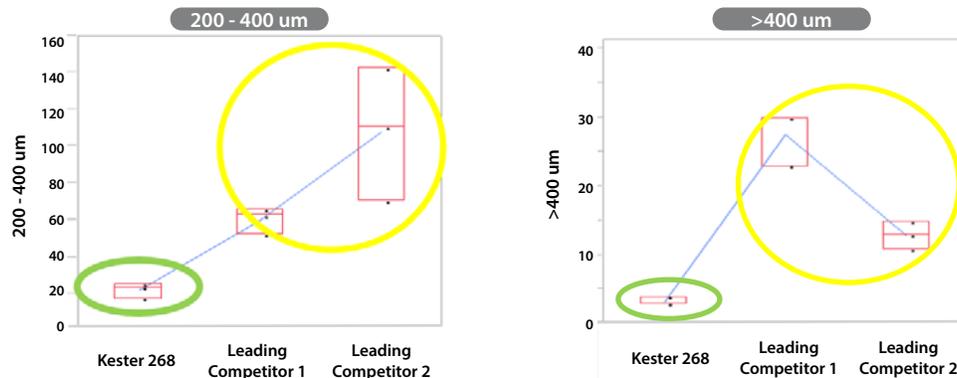
Zero-Halogen, No-Clean Cored Wire for Robotic & Manual Soldering

## Comparison of Solder Ball Spatter in Kester 268 vs. Leading Competitors



Kester 268 Zero Halogen exhibits an 80% reduction in solder balls spatter by weight

## Comparison of Solder Ball Size Distribution in Kester 268 vs. Leading Competitors



Kester 268 provides an approximate 80% reduction in solderballs of 200 micron (0.2 mm) and greater. These larger particle sizes pose reliability concerns due to ability of shorting fine pitch devices. Each bar represents triplicate testing of 5 m (5000 mm) of wire.



macdermidalpha.com  
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Kester is a product brand of MacDermid Alpha Electronics Solutions.

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