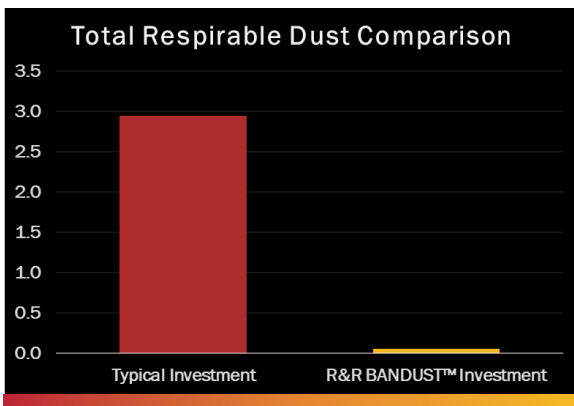


BANDUST™ TECHNOLOGY



In identical testing conditions, conventional investment materials (left) release noticeably more fine dust than BANDUST technology treated jewelry investments (right).



Respirable crystalline silica presents a health hazard in the investing room and silicosis has been a concern for jewelry casters for years. With decades of proven performance, R&R has reduced the out-of-package exposure hazard for operators.

When paired with our original investment formulations, our patented BANDUST™ technology significantly reduces respirable quartz and cristobalite exposure! Through a unique manufacturing process, exclusive to R&R, we are able to bind these typically respirable particles to the dry investment powder formulas you know and trust!

BANDUST technology significantly impacts the casting environment, providing immeasurable impact to the overall health and safety of casters.

Based on third-party industrial hygienist air sampling test results, BANDUST technology **significantly reduces total respirable dust – up to 97% versus standard R&R jewelry investments and as much as 99% when compared to other jewelry investments.**

Additional testing for respirable dust was conducted during the quench phase of the casting cycle. The industrial hygienist reported **no measurable respirable dust from BANDUST technology flasks.**

Casters using BANDUST technology products indicate noticeably **less dust overall during the investing process.**

Casters also noted the added benefit of improved housekeeping overall. Casting quality is maintained with **excellent final casting results and no process changes** are required during the investing stage.

Advantages of casting with BANDUST technology:

- Up to 99% less respirable dust exposure during the investing process, depending on which standard investment you use
- No measurable respirable dust during quench
- Less total dust overall during the investing process
- The high standard of casting excellence that only R&R provides

R&R is always *Investing with Innovation™* to change the face of investment casting.

For more information on how BANDUST technology can meet your facility's health and safety needs, contact R&R today!

Breathe easy...we've got you covered!



RANSOM & RANDOLPH

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Investing with Innovation™