



# PressRelease

FOR IMMEDIATE RELEASE

## Ransom & Randolph Launches the P2C™ Jewelry System: The Industry's Only Complete, Validated Print-to-Cast Solution

Maumee, OH – May 7, 2026 – Ransom & Randolph (R&R), a global leader in investment casting materials, today announced the launch of its P2C™ Jewelry System, the only fully validated, print-to-cast solution in the jewelry industry. The system pairs two new Jewelry Cast Resins with R&R's trusted portfolio of investments, delivering a complete, tested workflow from 3D print to finished cast.

The P2C™ Jewelry System includes two specialized resin formulations: P2C™ Fine Resin, for delicate filigree and detailed ring designs, and P2C™ Bold Resin, designed for bulkier, heavier jewelry patterns. Both resins print in approximately 2-3 hours, the fastest print times among leading castable jewelry resins tested and achieve 99.9% Loss on Ignition (LOI) at peak burnout temperature, leaving near-zero ash residue for smooth, clean surfaces straight from the mold.

Each resin is validated to work seamlessly with R&R's investment portfolio. For low-temperature alloys, Plasticast®, which R&R has manufactured for over 25 years, Liberty-Vest™, and SC-RP support traditional overnight burnout cycles. For high-temperature alloys, FlashCast™, a new, high-expanding investment for printed resin patterns, supports a rapid one-hour flash-fire burnout, and Plasticast® PT with a traditional overnight burnout cycle.

“Jewelers have trusted R&R investments since 1906,” said Daniel Nixon, President & CEO of Ransom & Randolph. “This launch extends that trust into the 3D printing space. By creating resins and investments that perform together as the P2C™ System, we're giving customers a complete, predictable, and proven system, from first print to final cast.”

Unlike other resins that are sold without validated investment pairings, the P2C™ Jewelry System is tested end-to-end: resin, investment, and burnout cycle verified together as a single proven workflow.

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### About Ransom & Randolph

Founded in 1872, Ransom & Randolph (R&R) has been at the forefront of advancing the global investment casting industry. With extensive process knowledge, exceptional technical expertise, and innovative product technologies, R&R serves foundries, dental labs, artists and jewelers worldwide. By combining innovative product developments with experienced staff and strategically located manufacturing and warehousing facilities, R&R empowers customers to achieve leadership in their industries.

### For more information | PRESS ONLY

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Mismatched materials are among the leading causes of failed casts, ash residue, and costly rework in jewelry production. The P2C™ system eliminates that guesswork.

The P2C™ System builds on R&R's century-long heritage in investment casting, giving jewelry manufacturers dependable, integrated materials, without compromising casting quality.

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