



Quality • Commitment • Stability

SINCE 1936

Industrial Ceramic Products, Inc. (ICP) operates modern manufacturing facilities with state-of-the-art thermal processing and is focused on producing a diverse line of ceramic components for all casting industries.

ICP Ceramic Solutions

A global leader in the manufacturing of ceramic gating components for use in the production of high quality castings, ICP is committed to providing cost-effective casting solutions through custom engineered ceramics—regardless of casting alloy or size. All ICP ceramic products are processed at high temperatures to develop the sintered bond strength required for demanding metal casting applications.



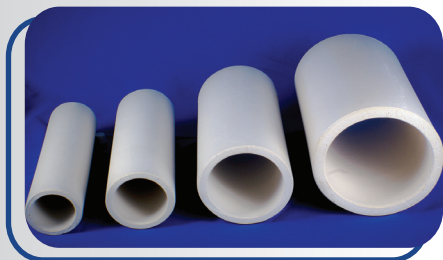
As an ISO 9001 certified company, ICP pledges to target delivery dates within 24 hours of receiving an order. Whether your need is a custom shape, improved ceramic material or simply to utilize our 75 years of expertise in ceramics, contact ICP for all your ceramic solutions.

A complete line of ceramic gating components is available to allow foundries to custom design and assemble fully lined gating systems:

- Ceramic Tubes
- Fittings
- Pour Cups
- Sweep (Radius) Elbows
- Reducers
- Filters
- Strainer Cores
- Internal Cores
- Duck Feet
- Nozzles
- Breaker Cores
- Impact Pads
- Ladle Tile
- Custom Designs



Foundry Products



Ceramic Tubes

ICP ceramic tubes are custom manufactured from proprietary formulations to provide maximum erosion resistance and dimensional stability. Ceramic tubes can be made in fractional lengths to minimize the need for sawing. In addition to the standard plain end design, tubes can be male-female, radiused (bent), mitered end, squashed end or any combination of designs.



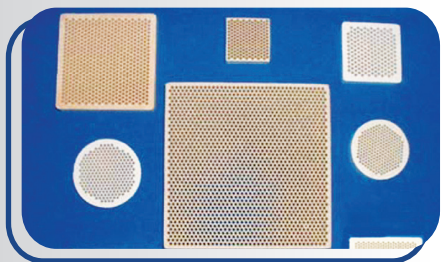
Ceramic Fittings

ICP ceramic fittings are single-piece designs to provide maximum spall and erosion resistance. Available in standard elbow, tee and cross design fittings, our pieces can also be manufactured to custom inlet-outlet specifications to allow gating reduction within the runner system.



Ceramic Pour Cups

ICP ceramic pouring cups are an essential component used in the manufacturing of quality castings. With a primary benefit of eliminating sand erosion at mold inlet, our cups are designed to mate with ICP tubes and offer the advantage of a strong target area for metal impact as well as lowering inclusions due to erosion. Zero Vortex pour cups are available for larger sized castings.



Ceramic Filters & Strainer Cores

ICP ceramic filters and strainers are designed as a cost-effective method of modifying metal flow to help segregate impurities from castings. ICP's precision molding process ensures consistent part dimensions and gating area.



Custom Products

ICP can extrude, compression mold or injection mold custom ceramic components utilizing the most cost-effective materials and method of manufacture. Our engineering team is available to assist with product design and recommend the best ceramic solution for your toughest casting challenges.

