



FULL RANGE OF CERAMIC FOAM FILTRATION TECHNOLOGY

FILTERS for SPECIAL METALS and ALLOYS

Research & Development/New Filter Products

FILTER SYSTEM PROJECTS

• Equipment Design, Manufacture, Technical Support

Ni-Cr SUPERALLOYS

- Master Melt Casting
- Air-melting
- Vacuum-melting
- Investment Casting

ALUMINIUM

- Primary/Secondary Castshop
- Al Foundry Cast components

STEEL

- Steel Foundry
- Cast components

IRON

- Iron Foundry
- Cast components

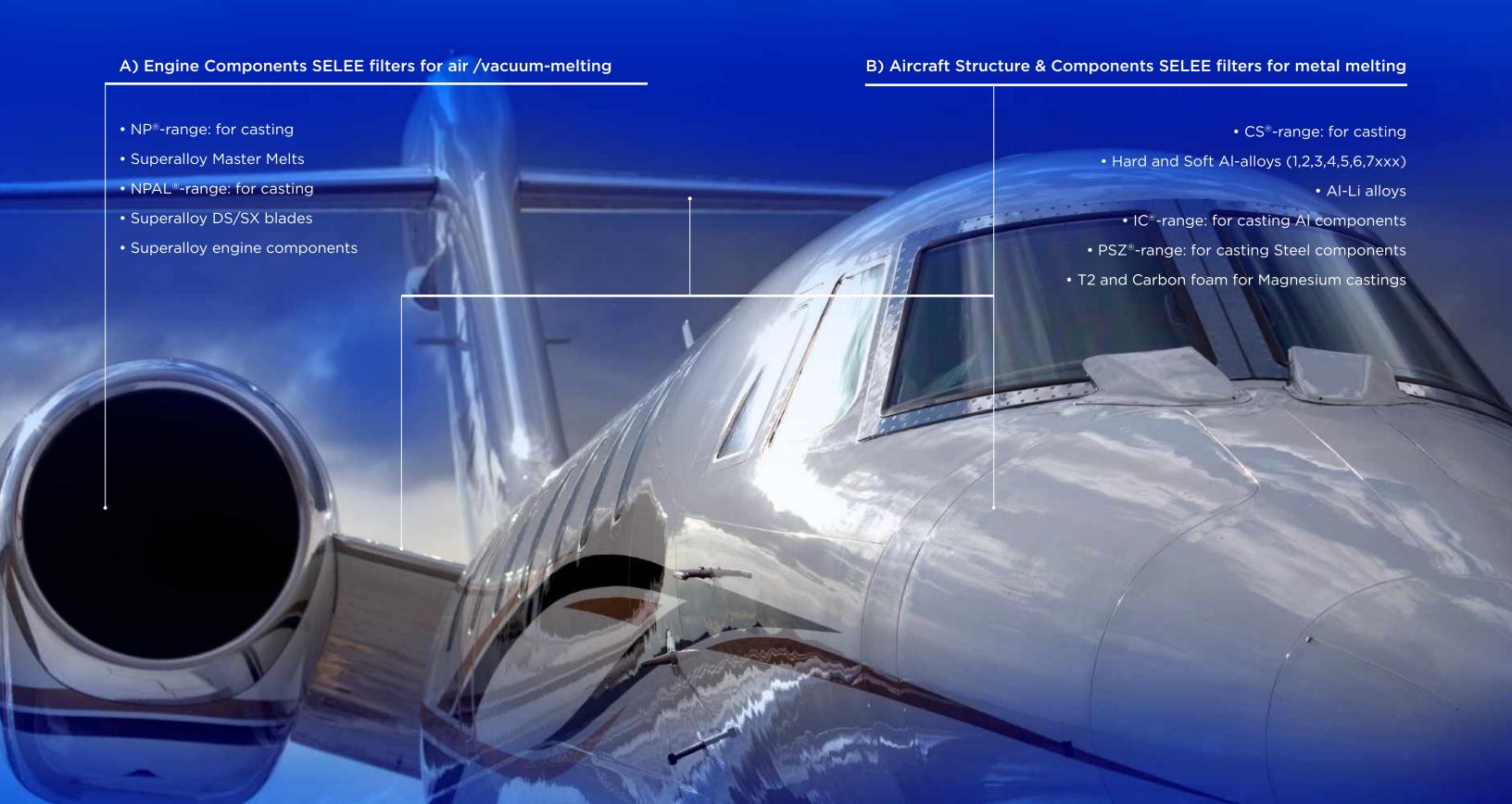
SELEE has the right ceramic filter composition for any metal you may pour in your investment foundry. Whether it's master melt or casting, our investment casting filters can be supplied in a wide range of sizes and shapes.



Filter Technology and Filters =

Higher Metal Quality = Lower Costs

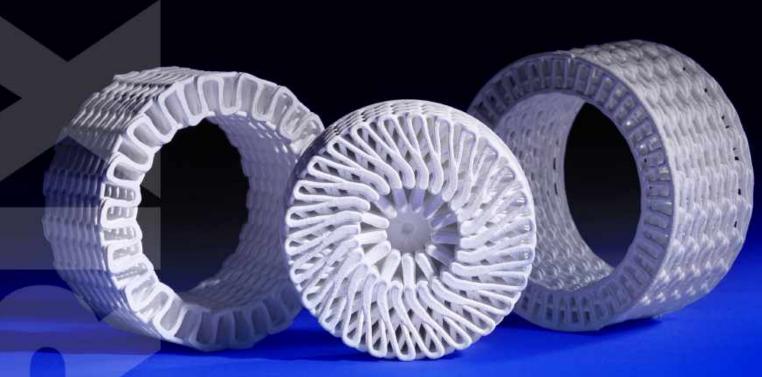






MATRIX™ is an additive manufacturing process for making engineered structures in high temperature molten metal filtration.





Advantages of SELEE Matrix Filters®

- Significantly improved structural integrity compared to ceramic foam.
- Elimination of hollow struts in reticulate foam structure.
- Elimination of loose filter fragments in the shell after autoclaving.

Engineered Structures

- More consistent Reduced flow rate variability
- Flexible filter geometry and cell structure design
- Flexibility to change and control web/ligament thickness
- Variable cell spacing

Tortuous Cell Structure

• More effective inclusion removal



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