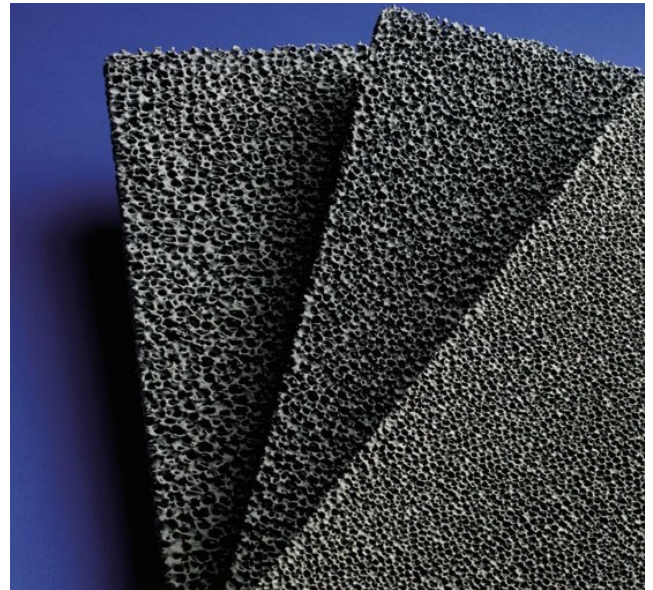


## **Ceramic Foam Filters of SELEE® Structure** *Silicon Carbide for Iron Foundries*

- **Clean iron castings**
- **Increased casting yield**
- **Fewer inclusions**
- **Real cost savings from significant reduction in scrap caused by:**
  - ⇒ *in-house gross slag defects*
  - ⇒ *after-machining sub-surface defects*
  - ⇒ *final component leakers and blow holes*
- **Consistent pour times**



Silicon carbide ceramic foam filters of SELEE® structure are specifically designed to improve the quality of nodular, grey, and malleable iron castings. Placed within the gating system, they effectively remove non-metallic inclusions including slag and dross from the molten metal stream. Additionally, they aid in reducing turbulence in the gating system. Their outstanding thermal shock resistance and high strength properties were developed for superior performance in extreme iron foundry applications. They are designed to withstand the high temperatures required for the casting of molten iron, up to 2800F/1450C.

Silicon carbide ceramic foam filters of SELEE® structure are available in a wide range of sizes and in several standard shapes and pore sizes. To obtain additional information on how they can benefit your iron foundry applications, please contact your local SELEE representative.

- **Provides a tortuous path through the filter, resulting in high filtration efficiencies**
- **Excellent hot-temperature strength and thermal shock properties**
- **Effectively filters molten iron in all iron casting applications**
- **Available in square, rectangular and round shapes, in a variety of sizes and pore sizes**
- **Precision-cut for superior dimensional tolerances**



***SELEE Corporation***

700 Shepherd Street  
Hendersonville, NC 28792  
Tel: (800) 842-3818  
+1 (828) 693-7785  
Fax: +1 (828) 693-1868

[www.selee.com](http://www.selee.com)

***SELEE Corp. Europe***

Cranfield Innovation Centre  
Cranfield Technology Park  
Cranfield, MK43 0BT, United Kingdom  
Tel: +44 (0)1234 756007  
Fax: +44 (0)1234 751044