

Textile Filters “Flexsil®”

Description

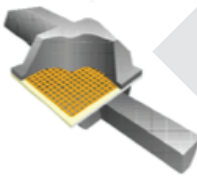
Flexsil® refractory cloth filters are designed to extract dross, slag, refractory particles and non-metallic inclusions from molten metal.

Flexsil® filters can resist up to 1620°C unlike other textile filters. It was developed as a low cost, high efficiency alternative to traditional foam filtration systems.

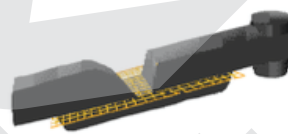
Flexsil® filters trap impurities using a method uniquely different than traditional mullite or alumina filters. When molten metal contacts Flexsil® filter, special surface coatings decompose to form a soft and viscous film of fayalite. The resulting film enables inclusions to be filtered out.



Automatic Filtration



Multi Pass Filtration



Feeder and Filter Combination



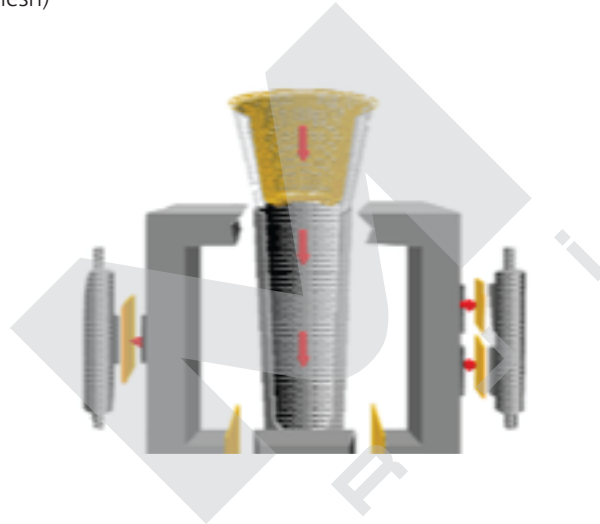
Breaking-Core and Runner Applications



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Flexsil® textile filters are also ideal for precision casting. It requires no pre-heating can be placed directly into hot refractory pouring cups just seconds before the pour, to provide efficient, low cost filtration. It can be removed together with the impurities before solidification.

Standard Dimensions: 22,860m x 0,8636m (1,5 x 1,5 mesh)
22,860m x 0,8636m (2,0 x 2,0 mesh)



Flexsil® Placement Regions

