



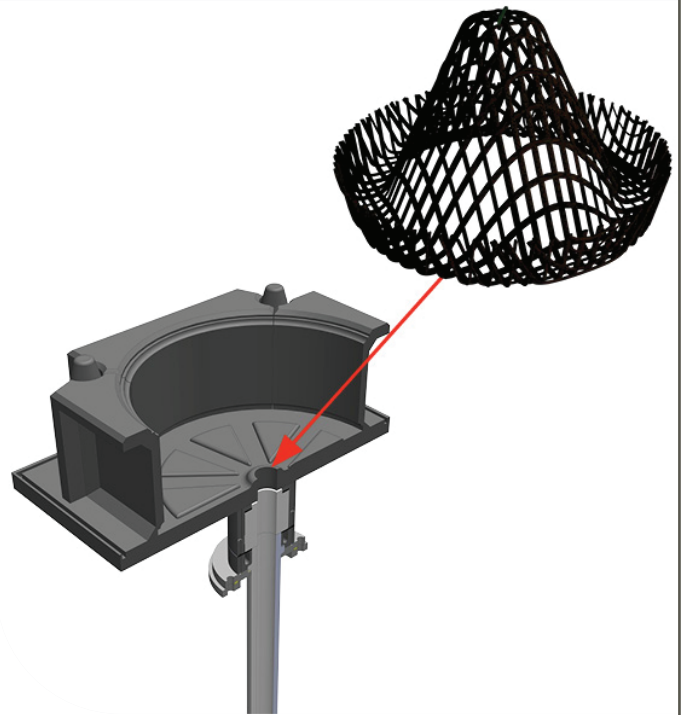
RIGID GLASWEVE FILTER FOR LOW-PRESSURE CASTING

FLOW CONTROL AND FILTRATION

Pyrotek Rigid Glasweve® filters are patented rigidized fibreglass sprue filters used in low-pressure casting aluminium foundries. These filters allow foundries to remelt sprue returns with no iron contamination and without sacrificing metal quality, and the filters float to the melting furnace bath surface because the fibreglass is less dense than molten metal. During routine furnace cleaning, workers skim the filters off the surface.

Pyrotek Rigid Glasweve filters remove oxides and inclusions and successfully convert metal flow from turbulent to laminar. The filters also have multiple weave style options that match the specifications and metal flow characteristics of wire mesh or tin plate filters.

Pyrotek Rigid Glasweve filters are available in custom shapes and dimensions ensuring they will fit in position and maintain their structural integrity. The filters are also available with small metal inserts that allow for magnetic filter handling, X-ray detection or both.



PRODUCT SPECIFICATIONS

Available weave styles.

	Hole Diameter— mm (in)	Hole Area— mm ² (in ²)	Percentage Open
34L	2.4 x 1.7 (0.09 x 0.07)	3.3 (0.005)	49%
40L	1.7 x 1.3 (0.07 x 0.05)	1.7 (0.003)	39%
43L	1.3 x 1.0 (0.05 x 0.04)	1.0 (0.003)	37%

Glasweve™ is a trademark of Pyrotek Inc.

BENEFITS

- Foundry cost savings by remelting sprue returns internally
- Fit existing moulds with custom filter designs
- Magnetic placement and X-ray detectable
- Extend sprue bushing life with less abrasive filters

APPLICATIONS

Low-pressure casting

HEALTH AND SAFETY

Prior to use, refer to the product safety datasheet for proper handling and required personal protective equipment.

PATENT

www.pyrotek.com/patents

