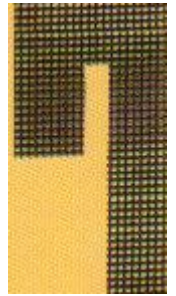


## Silica Casting Filter Mesh

Silica fiberglass casting filter mesh is treated by high-temperature resistant coating to form rigid sheets. It is used for filtering melting metal in the casting of grey cast iron and ductile cast iron. Two types of filter mesh are available:



1. XR-II: leno woven (XR-IIa is a lighter style for iron; XR-IIb a heavy style for steel) and suitable for grey cast iron and ductile cast iron.
  2. XR-III: mock leno woven and suitable for small scale cast steel.
- Standard hole size: 1.5x1.5, 2.0x2.0, 2.5x2.5 and 3.0x3.0mm
  - Standard sheet size: 300x150mm, other sizes to a maximum of 1000 x 800mm are available upon request.

## Silica Casting Filter Cups

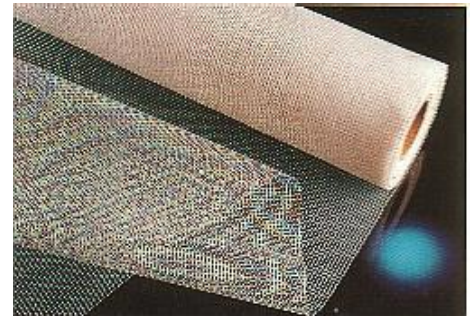
- [New Silica Materials Catalog](#)
- [Users Guide](#) and [Data Sheet](#)
- [Carbonized High Silica Mesh](#)
- Updated Casting [Filter Mesh Catalog](#)



Above - high silica casting filter mesh cups

## Silica Scrim

High silica scrim and mock leno scrim are base materials for foundry filtration.



Specifications for High Silica Scrim

Style	Width (cm)	Weight (g/m <sup>2</sup> )	Mesh (mm)	Breaking Strength (N/25 x 100mm)		Porosity (%)	SiO <sub>2</sub> Content (%)	Weave
				Warp	Weft			
BNT1.5x.1.5-83	83 ± 3	135 ± 14	1.5 x 1.5	≥ 90	≥ 80	55	≥ 96	Leno
BNT2x2-83	83 ± 3	125 ± 13	2.0 x 2.0	≥ 85	≥ 70	65	≥ 96	Leno
BNT2.5x2.5-83	83 ± 3	110 ± 11	2.5 x 2.5	≥ 68	≥ 62	70	≥ 96	Leno
BNT1.5x.15-83M	83 ± 3	480 ± 48	1.5 x 1.5	≥ 450	≥ 400	19	≥ 96	Mock Leno
BNT2x2-83M	83 ± 3	440 ± 44	2.0 x 2.0	≥ 400	≥ 350	24	≥ 96	Mock Leno
BNT2.5x2.5-83M	83 ± 3	365 ± 36	2.5 x 2.5	≥ 300	≥ 250	33	≥ 96	Mock Leno