



# WIRE MESH FILTERS

## MOLTEN ALUMINIUM, MAGNESIUM AND COPPER ALLOYS FILTERING

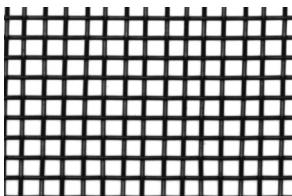
Pyrotek offers several wire mesh screens for filtering molten aluminium, magnesium and copper alloys. These filters are available in various meshes, wire diameters and copper flashed, electrogalvanized and plain steel wire options. Custom die formed parts are also available on request.

### PHYSICAL PROPERTIES

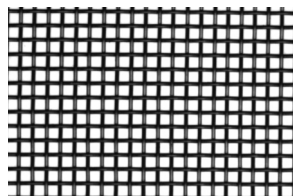
Property	Value			
	10 Mesh	14 Mesh	16 Mesh	20 Mesh
Wire Diameter—mm (in)	0.58 (0.023)	0.46 (0.018)	0.46 (0.018)	0.41 (0.016)
Opening Width—mm (in)	1.9558 (0.077)	1.3563 (0.053)	1.1303 (0.045)	0.8636 (0.034)
Open Area Percent	59.30%	56%	50.70%	46.20%

### BENEFITS

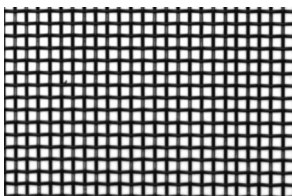
- Excellent stiffness and rigidity
- Controls metal turbulence
- Withstands elevated temperatures



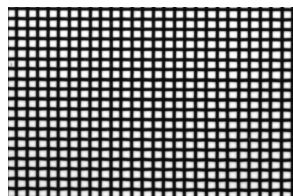
10 x 10 Mesh 0.58 mm



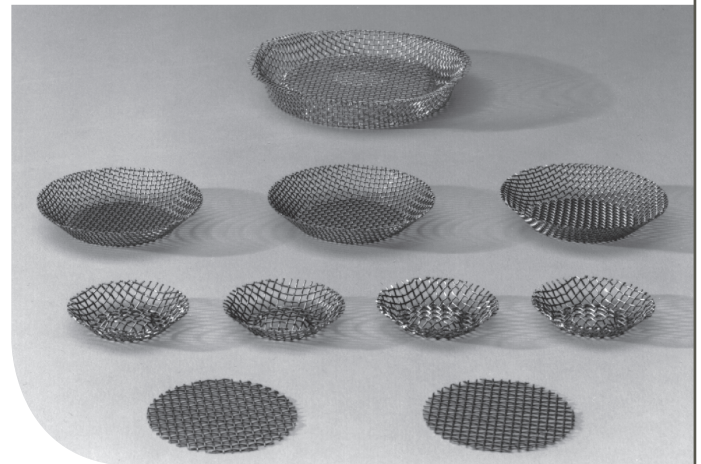
14 x 14 Mesh 0.46 mm



16 x 16 Mesh 0.46 mm



20 x 20 Mesh 0.41 mm



### APPLICATIONS

- Low pressure die casting
- Sand casting

### AVAILABILITY

- Flat cut pieces are available in square, rectangular or round shapes
- Custom die formed parts
- Other custom shapes are available upon request

