



TINPLATE FILTERS

MOLTEN ALUMINIUM, MAGNESIUM AND COPPER ALLOY FILTERING

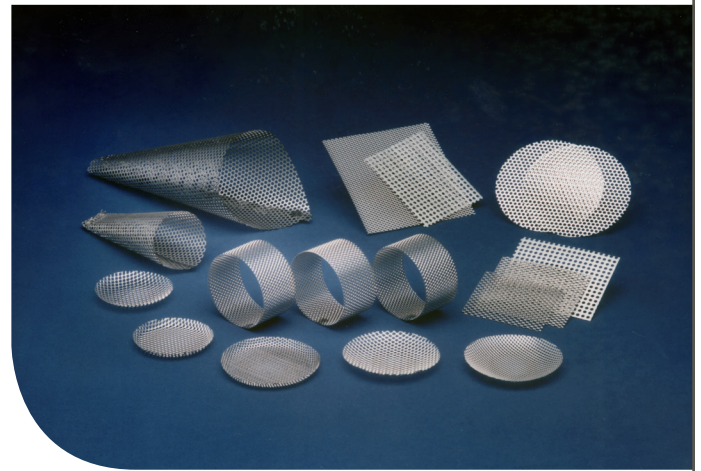
Pyrotek perforated tinplate screens filter molten aluminium, magnesium and copper alloys. The screens are available in round-hole perforated form or diamond-hole expanded form. Custom spot welded tubes and die formed parts are also available.

BENEFITS

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

APPLICATIONS

- Sand foundries
- Permanent mould foundries
- Low pressure die casters
- Investment casters
- Plaster mould foundries

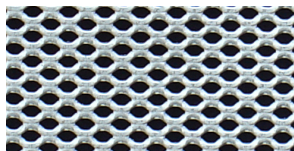


AVAILABILITY

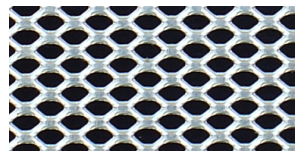
- 508 x 710 mm (20 x 28 in) standard filters
- 56 sheets per carton
- Flat cut pieces are available in square, rectangular or round shapes
- Spot welded cylinders and other custom shapes are available

PHYSICAL PROPERTIES

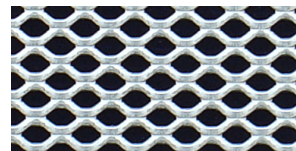
Property	Value								
	450-P		450-E	6-P	650-P	650-E	750-E	1050-E	1100-E
Hole Shape	Round	Round	Diamond	Round	Round	Diamond	Diamond	Diamond	Diamond
Hole Diameter—mm (in)	1.27 (0.05)	1.27 (0.05)	1.02 x 1.52 (0.04 x 0.06)	1.91 (0.08)	1.91 (0.08)	1.65 x 2.16 (0.07 x 0.09)	1.78 x 2.92 (0.07 x 0.12)	2.0 x 3.9 (0.08 x 0.2)	2.5 x 4.0 (0.1 x 0.16)
Percentage Open	47	47	44	28	42	48	54	46	74
Material Thickness—mm (in)	0.38 (0.02)	0.76 (0.03)	0.38 (0.02)	0.38 (0.02)	0.38 (0.02)	0.38 (0.02)	0.38 (0.02)	0.38 (0.02)	0.38 (0.02)
Strand Orientation	—	—	Flattened	—	—	Flattened	Flattened	Flattened	Standing



No. 450 Expanded



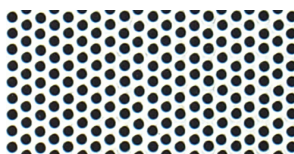
No. 650 Expanded



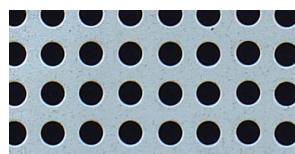
No. 750 Expanded



No. 1100 Expanded



No. 450 Perforated



No. 6 Perforated



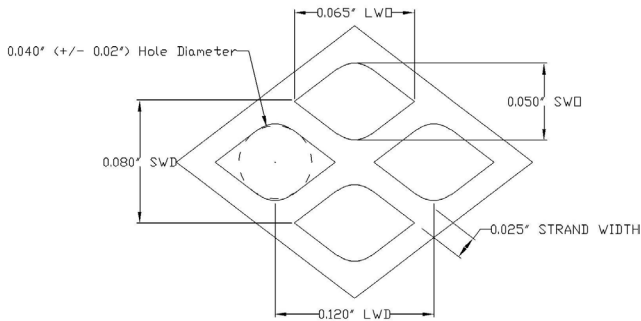
No. 650 Perforated



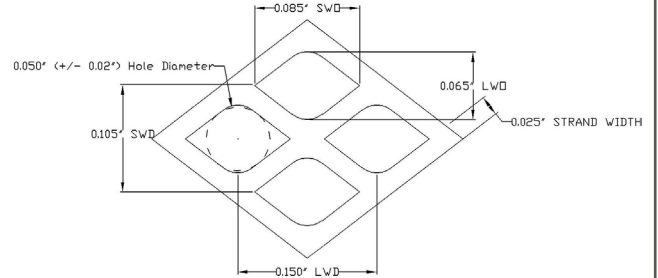
TINPLATE FILTERS

EXPANDED TINPLATE PATTERNS

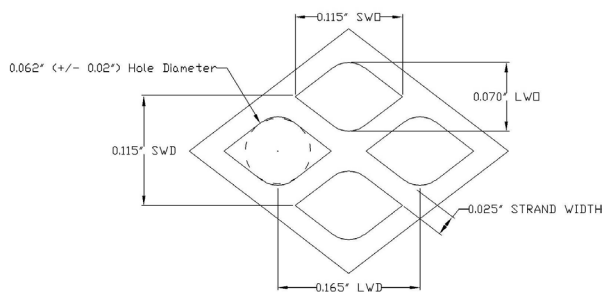
450E Expanded Tinplate Reference



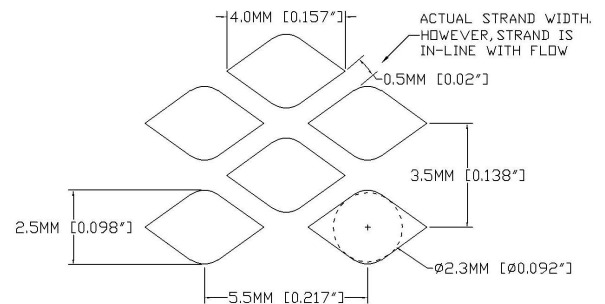
650E Expanded Tinplate Reference



750E Expanded Tinplate Reference

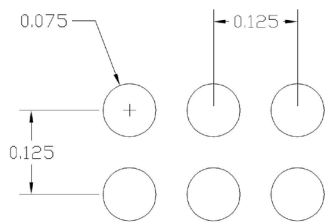


1100E Expanded Tinplate Reference



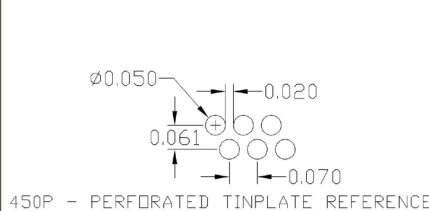
PERFORATED TINPLATE PATTERNS

#6 Perforated Tinplate Reference



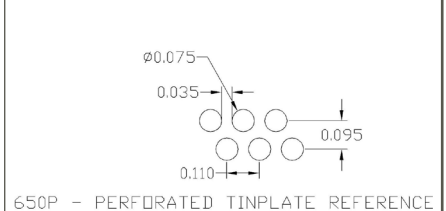
#6 PERFORATED TINPLATE REFERENCE

450P Perforated Tinplate Reference



450P - PERFORATED TINPLATE REFERENCE

650P Perforated Tinplate Reference



650P - PERFORATED TINPLATE REFERENCE

