

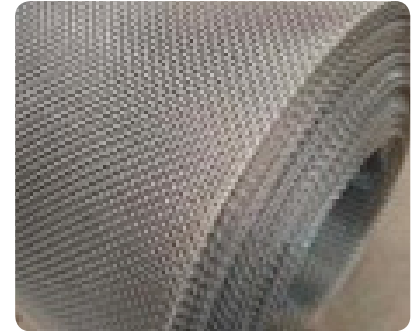


## BUSHFIRE MESH

Stainless steel woven wire mesh supplied in 30m rolls for use in protecting homes in bushfire prone areas. Both grade 304 and 316 stainless steel are available.

### Fire Test on attenuation of radiant heat flux

Using a test procedure given in AS 1530 section 8.1 the mesh has been evaluated using a radiant heat flux exposure. Of up to and including 40kW/m<sup>2</sup> (BAL 40). The attenuation of the radiant heat flux provided by the mesh was Approximately 50%.



### Radiant Heat & Ember Mesh

Mesh	SWG	Nominal Aperture mm	Wire Diameter mm	Grade	Approx % Open Area
10	20	1.64	0.90	304/316	41

### Ember Mesh

Mesh	SWG	Nominal Aperture mm	Wire Diameter mm	Grade	Approx % Open Area
10	24	1.98	0.56	304/316	61
12	26	1.67	0.45	304/316	62
10	20	1.64	0.90	304/316	41
12	24	1.56	0.56	304	54
12	22	0.71	0.71	304	44

### Ember Protection

To protect against ember attack (BAL 12.5) in accordance with The Australian Standard AS 3959-2009 'construction of building in bushfire-prone areas' a corrosion resistant steel mesh must be used with an aperture of less than 2mm.

[www.advanced-engineering-group.com](http://www.advanced-engineering-group.com)

#### Christchurch

P 0800 880 233

F 0800 880 234

[sales@advanced.eng.co.nz](mailto:sales@advanced.eng.co.nz)

#### Brisbane

P 61 7 3713 7744

F 61 7 3713 7788

[sales@advanced-eng.com.au](mailto:sales@advanced-eng.com.au)

#### Melbourne

P 61 3 9363 1577

F 61 3 9363 6099

[sales@advanced-eng.com.au](mailto:sales@advanced-eng.com.au)