

## Lead vinyl

## Data sheet E12

**Description** Envirotect flexible lead vinyl sheeting is a safe and effective medium for protecting people against the harmful effects of x-ray and gamma radiation.

**Application** For use in environments where a flexible shielding element is required such as baggage handling machines.

### Shielding

Lead equivalent value	Finish	Thickness (nominal)	Weight (average)
0.35mm L/E	Black	1.6mm	5.30kg/m <sup>2</sup>
0.5mm L/E	Black	2.0mm	7.50kg/m <sup>2</sup>

### Physical properties

Lead equivalent value	Tensile strength (MN/m <sup>2</sup> )	Tear strength (N/m <sup>2</sup> )	Elongation break
0.35mm L/E	Length 5.00	38000	260%
	Width 5.04	44500	265%
0.5mmL/E	Length 3.9	21000	230%
	Width 3.92	22000	240%

**Availability** Lead vinyl is available as sheets, rolls or cut to size.  
We can also supply fixing holes or slots to customer's requirements.

**Contacts** Envirotect Ltd  
Tel 01525 374374  
Fax 01525 219786  
e-mail [info@envirotectltd.co.uk](mailto:info@envirotectltd.co.uk)  
Web [www.envirotectltd.co.uk](http://www.envirotectltd.co.uk)