




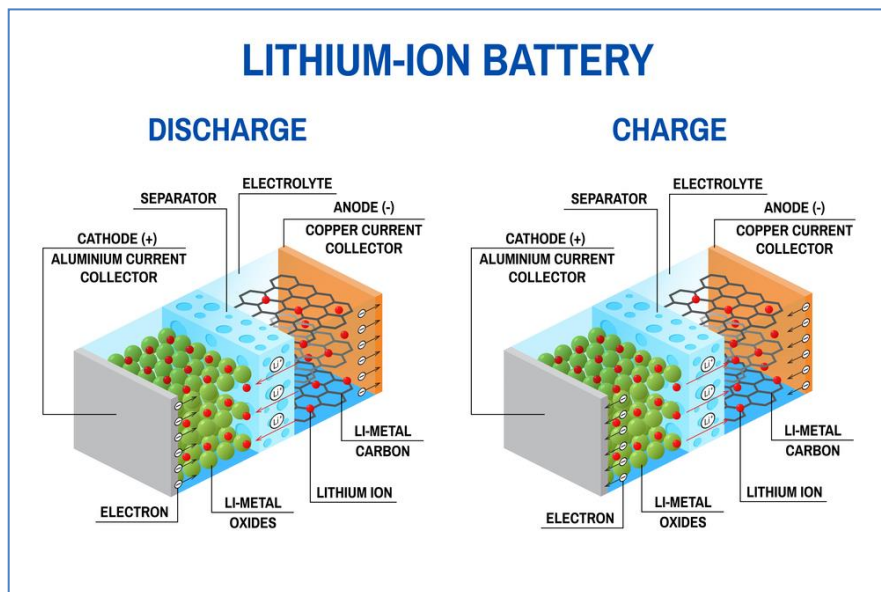


## AvALLi Aluminium Foil Datasheet

*Aluminium foil for the manufacture of new battery technologies*

-  Short lead times to help get your new battery product into manufacture quicker.
-  Bespoke thickness's and mechanical properties available to enhance cell performance, reduce waste and improve production efficiency.
-  Uniform mechanical and surface properties creates a consistent product for easy production performance.
-  Quantities available for both R&D and mass production.
-  High surface dyne value to help with adhesion



[sales@avocetsteel.co.uk](mailto:sales@avocetsteel.co.uk)



+44 1625 590745



[www.avocetsteel.co.uk](http://www.avocetsteel.co.uk)



Avocet Steel Strip Ltd, 1 Knutsford  
Road, Cheshire, United Kingdom  
SK9 7SD



## AvALLi Aluminium Foil Datasheet

Alloys	Nominal Thickness	Weight (g/m <sup>2</sup> )	Tensile (Mpa)	Surface Dyne	Elongation (%)	Max width (mm)
1235 – H18 1050 – H18 1060 – H18 1070 – H18	0.012mm	30 – 32	≥150	≥32	≥1.5	1300
	0.014mm	36 – 40				
	0.015mm	39 – 43				
	0.0155mm	40 – 44				
	0.016mm	41.3 - 45.3				
	0.018mm	46.8 - 50.8				
	0.020mm	52 - 56				

Alloy	Chemical Composition (All Max %)								Min (%)
	Si	Fe	Cu	Mn	Mg	Zn	Ti	Trace	
1235	Si + Fe 0.65		0.05	0.03	0.05	0.1	0.06	0.03	99.35
1050	0.25	0.4	0.05	0.05	0.05	0.05	0.03	0.03	99.50
1060	0.25	0.35	0.05	0.03	0.03	0.05	0.03	0.03	99.60
1070	0.20	0.25	0.04	0.03	0.03	0.04	0.03	0.03	99.70

### Packaging options



Packed in robust wooden crates with a suspended coil ID, or custom solutions on request.



sales@avocetsteel.co.uk



www.avocetsteel.co.uk



+44 1625 590745



Avocet Steel Strip Ltd, 1 Knutsford Road, Cheshire, United Kingdom SK9 7SD