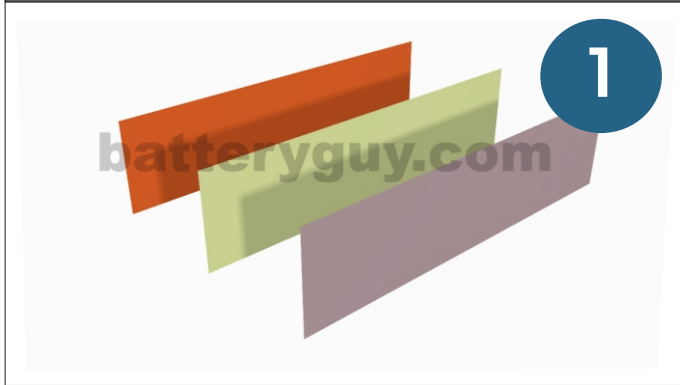


The BatteryGuy.com Knowledge Base

How a Lithium battery is made

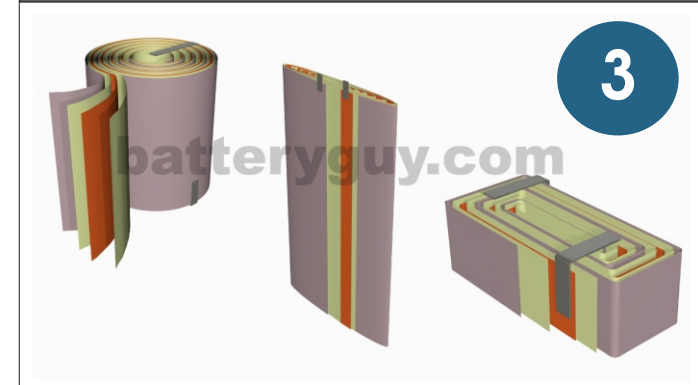
Wafer thin anodes (negative), cathodes (positive) and porous separator sheets are manufactured



These sheets are wound together¹. Metallic tabs are connected to the anode and cathode sheets



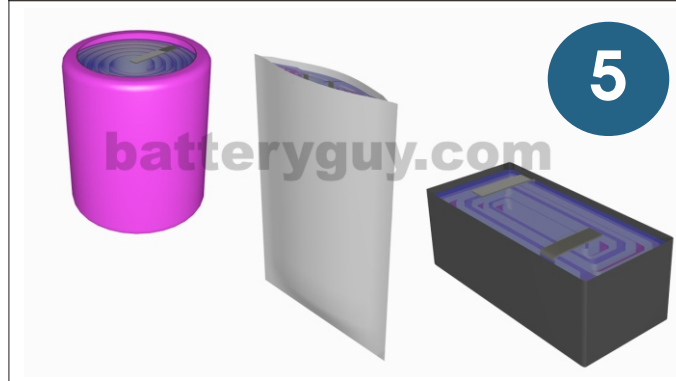
The sheets are so thin that they can be wound into a large variety of shapes and sizes and the tabs attached in different locations



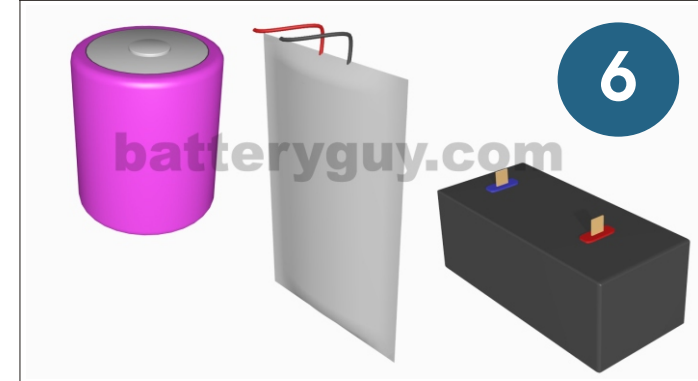
The case can be metallic, a soft foil or hardened plastic depending on the final applications requirements



Electrolyte which allows chemical reactions between the anode and cathode is added¹



The positive and negative terminals can be plates, wire leads or tabs



¹In some manufacturing processes the separator is soaked with electrolyte before being wound