1



1. Smart Colours Starter Pack

This pack contains 1mL of each thermochromic pigment paste; 1 gram of highly concentrated glow-in-the-dark pigment powder and a 20mL syringe of acrylic medium.

Code	Pack	Price
SEIT9010	Each	£10.32

2



2. Kevlar Woven Fabric

Kevlar has many applications, ranging from bicycle tyres and racing sails to body armour because of its high strength-to-weight ratio, famously 5 times stronger than steel on an equal weight basis. Size 250 x 250mm.

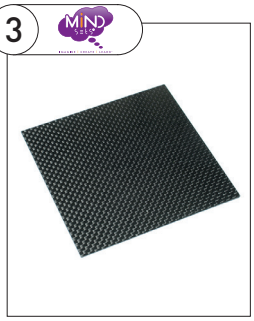
Code	Pack	Price
SEKEV001	Each	£5.41

3. Genuine Carbon Fibre Sheet

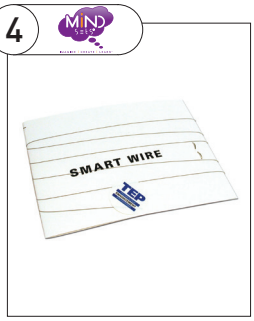
This ultra-smooth sheet material is aerospace quality carbon-fibre reinforced composite.

Code	Pack	Price
SEKEV003A	Each	£4.96

3



4

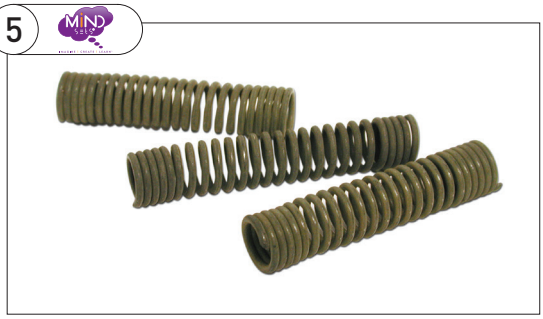


4. Smart Wire

'Smart wire' is a shape memory alloy (SMA) that changes its length with a useful pulling force when a small current is passed through it. Supplied as 1 metre, enough for 10 usable lengths.

Code	Pack	Price
SEPACSW1	Each	£6.52

5

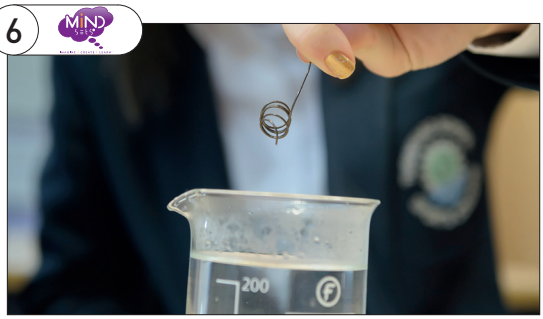


5. Smart NiTi Spring

A 5mm Ø x 12mm length (when closed) spring made from shape memory alloy. At room temperature this spring is soft enough to pull out to approximately 50mm by applying a small force. When heated to 70°C by passing an electric current through it, the spring contracts to its original length with a useful pulling force (equivalent to lifting a 0.5kg weight). Spring weight: 1.1g.

Code	Pack	Price
SEPACSW3	Each	£5.49

6



6. Memory Wire

This nickel/titanium (NiTi) alloy initially 'remembers' that it should be straight. If it is bent into a different shape and then dropped in very hot water (90°C), it springs back to its original straight condition. It will repeat this behaviour any number of times.

Code	Pack	Price
SEPACSW6	1m	£5.70