

1



## 1. Glow-in-the-Dark Film

A flexible self-adhesive plastic film that glows brightly in the dark. Can easily be cut by hand and stuck to a wide range of materials. This material meets the photoluminescent safety products association (PSPA) class B performance classification when tested according to DIN 67510 pt 1. Luminescence is measured following a specific level of excitation and then calculation made to the threshold of visibility, which is  $0.32\text{mcd/m}^2$ .

Code	Pack	Price
SESM1016	Each	£32.17

## 2. 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

## 3. Gadolinium Smart Cord

Gadolinium smart cord contains particles of gadolinium embedded in a polythene extrusion, which also contains a thermochromic dye as a useful visual marker of the transition point. If the (normally red) cord is floated on cold water it will jump up and adhere to a small neodymium magnet. If floated on hot water the cord loses its colour and is no longer susceptible to magnetic attraction - i.e. when the cord is red the embedded gadolinium is ferromagnetic, and when colourless paramagnetic.

Code	Pack	Price
SEJCC-005	Each	£0.25

## 4. 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	£5.33

## 5. Genuine Carbon Fibre Sheet

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

Code	Pack	Price
SEKEV003A	Each	£4.96

## 6. 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 useable lengths.

Code	Pack	Price
SEPACSW1	Each	£10.65

2



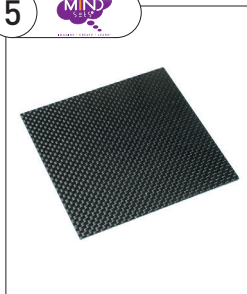
3



4



5



6

