

NEW Products Update

WHEELS AND CD ROM CONVERTERS

Old CDs make ideal wheels for models requiring minimal rolling resistance – e.g., motor or elastic powered racers. They can also be used in mechanical systems such as automata. A new plastic moulding from TEP that clips into the centre of any CD now enables this ubiquitous (and often free) product to be recycled at ultra-low cost. The converter is a modification of the standard 40 mm wheel, and so it has a dual purpose.

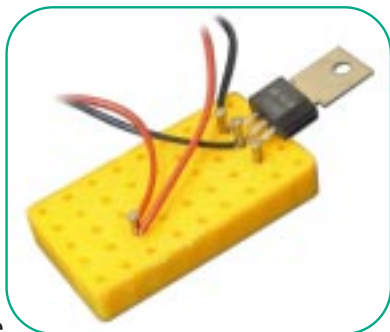


Stock number CW3 037
(pack of 50)

In answer to demands for a wheel of intermediate size, a rubber tyre is now available that fits either the converter or the other standard 40mm wheels – increasing them to a diameter of 50mm and greatly increasing visual appeal.

CIRCUIT BLOCKS

There are many 'dry' electronics prototyping systems, but most are larger than pupils need as well as quite expensive. The new Circuit Blocks offer a solution to small scale circuit building and are cheap enough to be consumable - e.g. as a permanent record of coursework achievement. They consist of small polythene rectangles offering a matrix of 1mm holes. Component legs and wires are simply dropped into



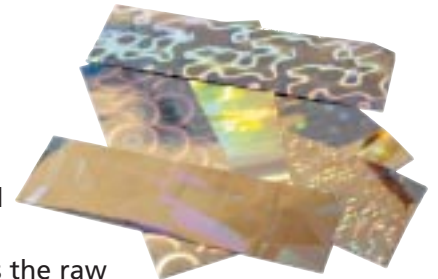
the holes and secured by pressing in a standard 20mm panel pin. A purpose-made pin-push is also available for the system.

Circuits can be laid out exactly as they might be on a PCB and assembled in minutes. The matrix size is unsuitable for standard chips, but will accept most discreet components.

CRB 001 (pack of 50)

SMART IMAGES

This sheet material is a significant addition to the range of smart and unusual materials available from TEP. It is the raw 'holographic' foil used for making the now familiar sparkling paper and plastic sheet products. The thin metal foil is carried on a polyester film which can be cut up and applied in a range of serious design and make contexts ranging from reflectors (e.g. safety garments) to jewellery. In commercial use, the foil is detached from its polyester carrier via a heat process – and in prototyping the film can also be used in this way. The Smart Images film is less expensive than most of the products it is used to make - e.g. plastic bags - and so it is very affordable for small scale use. There are six patterns available – each providing a wonderful display of optical pyrotechnics.



SM1 004 (Starter pack)

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