

IRphotonics wins Prism Award

IRphotonics has won the international Prism Award for Photonics Innovation in the USA. The winners were selected from more than 135 products and applications by a panel of international judges and announced as part of Photonics



West 2010. The iCure AS200 is a revolutionary inline fiber optic system that provides heat by Infrared radiation in a portable unit, delivering pinpoint and accurate control for temperature sensitive substrates and complex devices. Using infrared light to generate heat, the iCure thermal spot curing system is tailor-made for automated manufacturing processes requiring rapid adhesive curing and localized heating of bonded assemblies.

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Removing the shock factor

Electro-static discharge (ESD) is a problem which is not only physically unpleasant but can affect or damage sensitive electrical components and/or equipment. Vynastat is international matting manufacturer Plastex UK and USA's solution to the problem and is increasingly being used to protect from the effects of static discharge. Fully tested and certified, Vynastat is believed to be the only ESD open grid roll matting on the market. It offers



COVER STORY

the benefits of drainage slip resistance and comfort underfoot while providing permanent protection for the safe operation of machinery and the production and testing of sensitive equipment.

Tel 01268 571116

Web www.plastexmatting.com

Microchip sets new benchmark for low-power MCUs

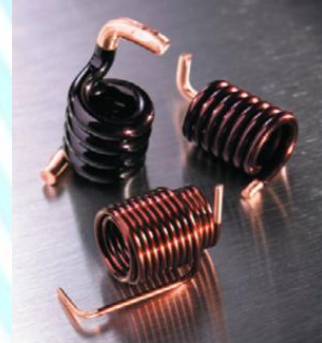
Microchip Technology Inc has unveiled new 8-bit PIC[®] microcontrollers (MCUs) that set the benchmark for low-power microcontrollers and peripheral integration. These MCUs feature active currents of less than 50 μ A/MHz and sleep currents down to 20 nA. The PIC12F182X MCUs extend Microchip's Enhanced Mid-range 8-bit core product line into the 8-pin segment, and include mTouch™ capacitive touch-sensing, and communications peripherals. The PIC16F19XX MCUs feature a broad range of peripherals, such as mTouch capacitive touch-sensing module, LCD drive, multiple communications and more Pulse



width Modulator (PWM) peripherals. The MCUs are suited for the appliance; consumer; industrial and automotive markets. Web <http://www.microchip.com/get/Q9LC>

Coiled and ready for action

The manufacture of special copper coils for use as part of trip fuse/circuit breaker mechanisms



within domestic and commercial properties is now an established part of William Hughes' growing portfolio of expertise. When a

Labsphere's LMS-3M Three Meter Lamp Measurement Sphere

With lighting technology advancing to include larger and more complex devices, Labsphere has introduced the LMS-3M three meter integrating sphere for complete optical characterization of these larger lamps and luminaries. The sphere complies with IESNA LM-79 and LM-80 standards to deliver accurate and reproducible measurements of any lamp up to 2m linear lamps and 30cm luminaries. The three meter lamp measurement integrating sphere accommodates light sources positioned base longitudinally, to easily and efficiently measure virtually any lamp type, including fluorescents up to 2m in length. The design also allows for forward and partial flux measurements of test sources that are board mounted or heat-sinked. Web www.labsphere.com

current passes along the conductive copper, a magnetic force is created through the middle of the coil. In the event of a current surge or spike, the magnetic force increases so that a spring is pulled to trip the main switch. Max Hughes, MD, says: "We already have an established customer for this product in the UK – a leading manufacturer of circuit breakers and switchgear – and we are now hoping to attract a European giant in power technology that is in the process of setting up a new factory near our recently established Bulgarian manufacturing facility."

Tel 01963 363 377

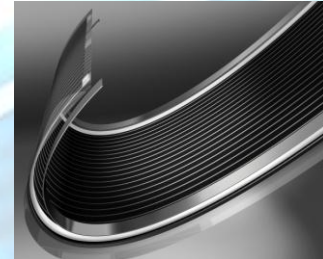
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Henkel product development expertise rewarded at APEX

Building on a rich history of industry honors and product accolades, Henkel Corporation was once again recognized for its innovation initiatives at the recent

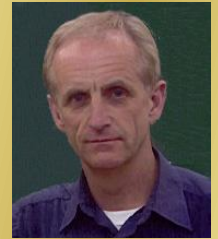


APEX event in Las Vegas, Nevada. Two of the company's most recent product advances, Loctite PowerstrateXtreme Printable (PSX-P) and Hysol ECCOBOND CA3556HF, were at the top of the leaderboard for two well-established honors programs. Loctite PSX-P was selected to take part in show organizer IPC's Innovative Technology Center. One of seven elite ITC products, Loctite PSX-P was chosen by a panel of industry experts as a material that will provide real and relevant value to the electronics assembly supply chain. Web www.henkel.com

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Senior leadership appointment drives Pregis systems growth

As part of the further expansion and development of its Systems range of cushioning machines and materials, Pregis Protective Packaging Europe has appointed Hamadi Ettarfass as Business Development Director for Systems. Mr Ettarfass has extensive experience of the protective packaging industry having spent 12 years with Ranpak in a number of sales and development positions, most recently as Director International Accounts for Europe and Asia. In his new role at Pregis, Mr Ettarfass will be responsible for driving the growth of the Systems range throughout Europe, including sales and service support and the development and implementation of new products and technology.

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Alpha-Cookson Electronics in Benelux subject of MBO

Alpha-Cookson Electronics Assembly Materials has announced that its Alpha product line trading business, in the Benelux, has recently been the subject of a successful Management Buy Out. The new company is called ROTEC BVBA and will be headed up by Tom Gevers, Tom Meeus, Nadine Swerts and Anne-Mie van Hemelrijk. Cookson will retain its stencil manufacturing facilities at the factory in Turnhout, Belgium while Rotec BVBA will be responsible for marketing and selling both laser cut and electroformed stencils throughout the region.

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