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WELCOME TO SPECTRA

More and more of today's leading brands are turning to Spectra as they seek outstanding packaging solutions for their products.



Although relatively young, formed as recently as 2007, Spectra have rapidly established themselves within the packaging industry as the go-to company for innovation and quality.

With their energetic and innovative approach, Spectra has established lasting relationships with a number of leading high street names in the toiletries, cosmetics and personal care sectors.

From their modern state-of-the-art manufacturing facility, Spectra can produce a range of high quality products, from versatile packaging in HDPE to glass-like containers in PET. They can also offer a variety of closures, designed to perfectly compliment their bottle range.

The company has also continued to make huge strides in developing sustainable packaging solutions to help brands make an environmental difference. These include advances in Biopolymer and PCR (Post Consumer Recycled) materials in both HDPE and PET.

Spectra is also constantly adding to their extensive range of standard bottles and caps for an off-the-shelf packaging solution as well as providing a bespoke custom moulding and tooling service.

The firm has committed substantial investment in their bespoke 17.4 acre production facility with the very latest machinery and technology and plan to expand the site in the near future. Furthermore, the company has also invested in a dynamic and creative workforce - all industry experts who understand the demanding expectations of today's biggest brands.

Spectra also has the expertise to guide and advise customers in all, or any, of the manufacturing processes to help their products become reality. This expert knowledge is backed with a flexible approach to each individual customer's requirements.



Spectra's commitment to excellence and innovation is only too clear to see when visiting their bespoke state-of-the-art manufacturing facilities.

CUTTING EDGE FACILITIES



The company's relocation in 2011 to their unobtrusive custom built 17.4 acre site was undertaken in order to satisfy growing customer demand - a move as ambitious as the company itself.

Located on the outskirts of the Suffolk market town of Halesworth, Spectra's tailor-made plant has been sympathetically set within trees and fields which even boasts a large man-made pond.

The factory site has excellent road access and parking and also includes a cycle path, created especially for staff and visitors for further ease of access.

The new site can easily satisfy up to 100m units per annum including up to 20m closures. Additionally, Spectra's decoration facility can handle up to 15m components per annum. This capacity can be maintained by a number of large easily accessible open units which are used for both manufacturing and storage, including a reinforced purpose built 4 hour fire rated room which houses valuable product moulds.

Thanks to the company's forward thinking approach, there is plenty of surrounding land for additional facilities and Spectra has already instigated plans for expansion in the near future.





CREATIVITY & INNOVATION

When brands need to stand out from the crowd, Spectra can deliver a number of innovative packaging solutions to help them elevate their products above those of their competitors.

Much more than simply a manufacturer of plastics, Spectra have developed a reputation for being a genuine packaging partner, with innovation and creativity at the very heart of everything they do.

The firm fully appreciates that individual market sectors vary, every product is different and each customer is unique in their own way. As a result, Spectra customers are treated accordingly by establishing trust and reassurance throughout the entire design process ensuring they are happy at every stage of the experience.

For customers operating in often fiercely competitive market sectors, Spectra can assist with innovative packaging solutions that are designed to help them stand out from the crowd.

The company can help brands achieve distinctive cutting edge packaging with clear creative thinking and expert implementation. Spectra's custom moulding capabilities enable customers to package their products imaginatively with a genuine market differentiation, while their extensive standard ranges can also be finished to look totally unique through leading edge decoration and colouring techniques.

From initial conceptual ideas and development, through to the very latest finishing techniques, Spectra can guide and then advise customers to help them transform a product into something that inspires and engages their end user. Furthermore, they can also assist in sourcing a wide range of suitable caps and closures to provide the complete packaging solution.



Spectra have always taken huge pride in providing excellent customer service by making sure they give superb expertise coupled with the best possible lead-times.

OUTSTANDING SERVICE



The company has enjoyed strong lasting relationships with clients because they keep the entire process simple and stress-free. Not only do they ensure the highest possible standard of service, Spectra always treats its customers patiently, fairly and above all else, professionally. By doing so, the company has maintained excellent client retention rates.

With constant assessing and monitoring for continued improvement, Spectra are always looking at ways to exceed customer expectation and they do this through a number of measures.

For example, all enquiry calls are answered promptly with staff ensuring you know their name whilst answering that call. All call enquiries are then transferred to the best person to deal with a particular requirement. This process enables customers to speak directly with someone who can give an expert answer, along with any other help or assistance needed. Spectra also make sure that enquiries such as emails and other correspondence will be answered within one working day.

These responses will always include the name and details of your point of contact, which means customers, can speak directly to that same person during the whole process.

Spectra firmly believe that regular communication and progress updates are the best way to provide a stress-free experience for customers. Furthermore, because they are always looking at continual improvements in customer service they openly welcome constructive comments, criticism or suggestions about their service standards.





QUALITY STANDARD ASSURED

The importance of quality control has always driven Spectra's desire to provide the very best products to their customers.

The company adheres to extremely strict quality control procedures, ensuring customers receive excellence at every point. Operating within a number of standards, Spectra's quality control processes include ISO 9001 as well as regular and thorough performance testing of all products. Stringent pre-production tests, colour management systems and analysis and trials are maintained to make sure customers receive the same level of excellence time and time again.

Spectra understands that their continued success is reliant upon ensuring their customers are totally satisfied. As a result, the company is committed to the highest standards. It's by monitoring all levels of performance that they can consistently maintain these standards. Furthermore, regular consultation with customers combined with constant internal reviews means Spectra can ensure that the needs and interests of customers are constantly uppermost in their minds, it's one of the reasons customers love working with them.

Expert staff ensure all moulded bottles and caps are thoroughly monitored, as well as all decoration and colour measurements. These are then documented and checked by Spectra's dedicated QA team within the company's modern quality control laboratory.

Spectra also maintain an extremely well managed production floor, which is kept spotless and clean ensuring consistently outstanding results for their customers time and time again.



FROM IDEA TO IMPLEMENTATION

1



SELECT YOUR BOTTLE

Spectra have a range of over 160 standard bottles to choose from, available in both high-density polyethylene and polyethylene terephthalate. There's a wide selection in differing shapes and sizes to suit any product, including rounds, ovals and squares in capacities of 30ml to 500ml. These standards also feature a number of neck finishes too, enabling different cap fitments. For an environmental packaging solution, Spectra can also offer recycled PCR too, available in both HDPE and PET.

2



SELECT YOUR CLOSURE

Once you've chosen your bottle, you can give it an even more distinctive look with one of Spectra's standard closures. There are a number of caps to suit a variety of standard bottle combinations. From flip tops, shallow caps and tall radiused closures, to double wall caps for that sleek seamless appearance. Spectra can also offer a range of overcaps in both gloss and matt to fit a variety of HDPE and PET tubulars. For a guide to neck finishes and how they work with your cap choice see page 128.

Spectra can provide the complete packaging service with innovative bespoke custom moulding and tooling. However, you don't have to use custom tooling alone to engage and inspire your audience. Spectra's standard range of bottles and caps can also give your brand a distinctive point of difference ensuring your products are still unique.

Matching a combination of either standard HDPE or PET bottles with standard caps can still make your brand truly individual. Whats more, Spectra's expertise in colouring and decoration will really make your products stand out from the crowd. Below are just four simple steps to product differentiation using bottles and caps from Spectra's standard range.

3



SELECT YOUR COLOUR

Now you've chosen your bottle and cap, why not use Spectra's colouring expertise to give your product a real point of difference. Working alongside leading polymer masterbatch specialists, Spectra can match nearly any colour you like from a number of sources. These include anything from a Pantone reference to an actual colour swatch. There are a number of effects available too, such as sparkling, fluorescents and frosting. We can also arrange for customers to visit us and colour match at our state-of-the-art facility.

4



SELECT YOUR DECORATION

Your product now has a bottle, a cap, and an exact colour - what better way to finalise the complete packaging solution than with stylish, distinctive decoration. Spectra can provide a range of decorative effects to really enlighten your products. These include foil blocking and peripheral cap banding for a really premium appearance as well as intricate silk screen printing. Spectra can also offer a number of beautiful, distinctive effects, such as matt or gloss lacquering and varnishes.

PRECISION TOOLING CAPABILITY



With an in-house tooling capability, Spectra can design and produce new moulds for either EBM or ISBM, which means they have total control over lead times and quality.

With an in-house tooling capability, Spectra can design and produce new moulds for either EBM or ISBM, which means they have total control over lead times and quality.

Working from just a basic brief or sketch, Spectra can transform initial ideas into detailed drawings and realistic rendered visuals, giving customers the opportunity to imagine their product prior to tooling.

With substantial investment in the very latest computer controlled technology and a fully functioning tool room, Spectra can transfer designs efficiently into accurate moulds.

Distinctive and original shapes can be prototyped and modeled ensuring customers see exactly how their product will look and feel.

Spectra fully appreciate that tooling costs can prove very significant for some of its customers. Therefore the company can provide flexible arrangements in its funding methods to help projects come to fruition.

As a result, Spectra offer a variety of options that include the opportunity for outright purchase and ownership as well as a part ownership arrangement with a limited period of exclusivity.

Furthermore, the facility for installment payments over an agreed production period for eventual ownership is another flexible payment solution available to Spectra customers.

Spectra can also provide a full sampling service that gives customers tangible proof of quality. This ensures that Spectra customers experience that complete packaging solution. It's this attention to detail and in-house control that means the company can confidently meet the challenge over many of its larger competitors.





RESPONSIBLE PACKAGING SOLUTIONS

Spectra are continuing to respond to ever increasing demands for environmentally responsible products from a range of customers wishing to make a difference.

For a number of years now, Spectra have provided PCR (Post Consumer Recycled) products to a growing number of customers wishing to adopt a greener approach with their packaging.

Made from a combination of recycled plastic products and an environmentally kinder alternative to materials that would normally be disposed of in landfill sites, PCR can be recycled again for new manufacturing, offering genuine sustainability.

Sourced from the UK and Europe, Spectra's PCR is available to customers in a variety of strengths - from 5% up to 100%. Spectra's PCR meets stringent European food contact regulations providing customers with reassurance and peace of mind.

In addition to PCR, Spectra has also seen a growing demand for their Biopolymer materials, which are made from renewable sources.

Biopolymer is different to conventional polyethylene because it is produced from the waste product of sugarcane, eliminating the use of fossil based raw materials that are so harmful to the environment.

The renewable sugarcane captures CO₂ from the atmosphere during its production, helping to reduce greenhouse gas emissions. Biopolymer is also recyclable, which means landfill dumping is greatly reduced, offering customers a genuine sustainable packaging solution.

Spectra's biopolymer plastic maintains the same chemical properties as conventional HDPE and PET, which means there is no difference in performance or appearance to the end result.



RESPONSIBLE COMPANY ETHOS

As well as providing environmentally friendly packaging, Spectra also maintain an environmentally responsible ethos as well, with a number of actions put in place to help reduce energy and look after the environment.



With a number of measures, Spectra's purpose built factory has been designed to create minimal impact on its surroundings. These include controlled release surface water for flood prevention by way of two retention ponds, both of which are now full of wildlife. Additionally, Spectra have also installed a naturally draining car park to also minimise potential flood issues.

Another measure taken to ensure the building worked harmoniously with its environment, was the planting of over 600 trees, all regularly maintained on the firm's large rural site. Local wildlife has also been considered with on-site bat friendly lighting installed outside.

Inside the factory, Spectra have instigated a number of measures too. For example, energy efficient lighting has been installed, with auto lights fitted throughout, including auto dimming lights for external walkways. Furthermore, power factor corrections have been put in for all incoming electricity ensuring Spectra maximise their supply. The building itself has excellent insulating properties too, with the addition of air source heat pumps, designed to heat and cool all the offices. Spectra have also integrated a free air cooler into their process water to take advantage of ambient air temperatures.

The impact of the manufacturing process itself has also been closely considered. For example, Spectra utilise on-site granulators, meaning all unwanted products are integrated back into the recycling chain. Additionally, variable speed compressors are also used to only produce what is required and the very latest state-of-the-art Servo Drive technology has been introduced in all machinery for greater energy reduction.

As well as all the environmentally friendly measures for the factory, Spectra have also ensured that all their supplied packaging, such as cardboard packs and boxes, are made from recycled materials.





BRINGING COLOUR TO PLASTICS

For customers seeking a real point of difference, Spectra are on hand to custom colour products for truly stunning results.

At the forefront of colour polymer innovation, Spectra can ensure consistency of colour across a number of materials and processes to bring vibrancy to customer's products. Furthermore, the company is able to offer customers extensive expertise in pigments and the behaviour of colour masterbatch in the moulding process.

Spectra can produce exactly what customers want in time-scales to suit desired production requirements. The company works with leading polymer experts to ensure versatility and flexibility resulting in a comprehensive colour management service.

Through expertise and experience, Spectra can match and replicate a desired colour for a customer from a number of sources. These can include anything from a Pantone reference number through to an actual object or supplied swatch.

The company believes that it is this precise colour matching which enables its customers to create a lasting and consistent brand identity in their chosen market sector.

Spectra can also offer a fantastic array of colouring effects such as fluorescents, frosting, metallics, speckling and flecking, pearlescents and sparkling to ensure products have a true point of difference over their competition. With unique vibrant colours, physical properties and processing benefits, Spectra can further enhance the performance of many packaging products, a service that is proving essential to a number of today's leading brands.



High quality innovative decoration can be so important in defining the success of a product and Spectra have the expertise and creativity to deliver some outstanding options.

DECORATION & FINISHING

Spectra's highly skilled team of experts can maximise the true potential of customers products. Working from the company's in-house printing facility Spectra can provide a number of ground breaking decoration technologies.

These include, 4-pass silk-screen presses that utilise UV cured inks with each machine producing capacities of up to 3,500 units per hour. Acute registration can be achieved to produce the very finest intricate designs and a multi-pass facility can also ensure colours are produced to excellent tolerances. Using UV printing technology, Spectra can produce both vibrant and subtle results on a number of surfaces including round, flat and flat oval containers.

Spectra can also offer beautiful hot foil stamping for a premium appearance for both HDPE and PET containers, including peripheral circumference foil banding for closures, all achieved on bespoke hi-tech machinery developed by the company's in-house engineers.

The company has also made massive strides with a number of other stunning decoration techniques developed in their print department.

These include Spectra's revolutionary 360 degree printing, which provides a seamless finish without any signs of a join on the circumference of the bottle. Another innovative effect on offer is the company's high build varnishing which gives products an embossed finish providing a truly tactile finish.

Experienced staff can assist with artwork requirements as well as help with preparation of materials for production. The company's latest state-of-the-art technology means that supplied artwork can be received in most standard file formats.

