

Childproof closures: Safety and durability is Mpact's norm

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Mpact's Pinetown based plastic conversion plant, has earned its stripes producing high quality childproof and tamper evident closures.



“We are well-positioned to supply child proof closures to small, medium and multi-national customers and with a stabilised industrial market demand, we are now ready to pursue alternative sectors such as household and chemical markets,” states Paul Visagie, General Manager of FMCG operations for Mpact Plastics division.

Meeting the requirements: function, cost, safety, product image

The childproof closure is an all-round performer, taking function, cost, safety and product branding requirements into account. The closure fits an industry standard 1810 PET bottleneck size and whilst this two-part closure is priced competitively, the key objective is to ensure safety during the use and storage of the product.

Throughout the development process, our in-house design team, together with a toolmaker, developed this product whilst bearing in mind the complexities of in-house assembly, functionality, existing filling lines at customers and ultimately the safety of the end user.

The closures are available in a range of standard colours. Depending on quantities, custom colours can be used to meet brand-marketing requirements.

As the use of PET and HD continues to expand into industrial and chemical markets, where safety is a key concern, the childproof cap offers the perfect solution. Application of the closure is suitable for most polyolefins* used in producing bottles for automotive, homecare, motor oil, spirits, paraffin and turpentine based products.

**Polyolefins include material grades HDPE, LDPE, PP, OTHER*

About Mpact

Mpact is the largest paper and plastics packaging and recycling business in Southern Africa with customers that include packaging converters, fruit producers, FMCG companies and other consumer and industrial packaging companies. Mpact's integrated business model is uniquely focussed on closing the loop in plastic and paper packaging through recycling and beneficiation of recyclables. Mpact has 43 operating sites, 21 of which are manufacturing operations, located in South Africa, Namibia and Mozambique. Sales in South Africa accounted for approximately 87% of Mpact's total revenue for the current period, while the balance was predominantly to customers in the rest of Africa. Mpact Operations (Pty) Ltd, the major subsidiary of the Group is a B-BBEE Level 1 contributor.

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Mpact Plastics is a leading producer of rigid plastic packaging and cling film in southern Africa. We operate out of nine production centres across the country, providing packaging from plants with relevant certifications. We service the food, beverage, personal care, home care, pharmaceutical, agricultural and retail markets. In upholding company values, and as a supporter of the circular economy, we positively contribute to industry associations, enabling various communities to participate in recycling solutions.

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