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PLASTICUM
INNOVATIVE PACKAGING SOLUTIONS

Plasticum

Innovative technologies from Plasticum

The MaxiDose silicone valve solution is a patented technology developed by Plasticum, this alongside their exciting new tube technology will be on display at Emballage stand 6 E54.

Products with MaxiDose Technology

Earlier this year Plasticum launched standard products with the MaxiDose Technology: MaxiDose Food 55-38/400 and MaxiDose Cosmo for Tubes. The market response was excellent. This encouraged Plasticum to develop more products with the same technology but different specifications. The new developments are displayed at the exhibition.

MaxiDose Technology

This is Plasticum's proprietary silicone valve solution with a patented technique. The silicone material has a memory for long term seal quality and the opening/closing mechanism. Good temperature resistance is another advantage to give excellent dispensing opportunities for a wide range of viscosities and product applications.

Shaped Dispensing Tubes

Plasticum developed a new technology to manufacture tubes with special design features:

Non-cylindrical shapes, such as square, oval, triangular
Integrated dispensing valve (with MaxiDose technology)

Integrated closure

In-mould-labelling, embossing, textured surfaces

The tubes are manufactured by injection moulding, using a unique patented material formulation and



innovative tooling techniques. A perfect solution for customised squeeze tubes.

Products with Insertless Spray Technology

The Cooper actuator with Insertless Spray Technology has been very successful. This product even won the Good Industrial Design Award. Especially the cost-effectiveness and spray performance make this one-piece product a popular solution. That is the reason Plasticum extends this product line with different diameters and designs. Models are shown at the Plasticum stand.

Insertless Spray Technology

Plasticum developed a proprietary spray solution with a patented technique, integrating both the actuator and insert. The spray orifice of the button is positioned just above the dip tube to optimise the control and performance when activating the aerosol. A special chamber and channel design stimulate the acceleration of particles into a swirling pattern.

Spray Pumps - SP 580 series

This patented spray system has exceptional spray characteristics: it will not jet or spurt. It also produces a highly symmetrical particle size distribution with round patterns. The smooth actuation provides enhanced consumer convenience. Applications are found in personal care, air care, pharmaceutical and food markets. These spray pumps of the SP 580 series are suitable for glass and plastic bottles, but also for aluminium cans. The pumps are eco-friendly through the lower material content. Nominal dose size is 100, 130 or 190 µl.

Plasticum will exhibit at Emballage next week in Paris, on stand 6 E54.

