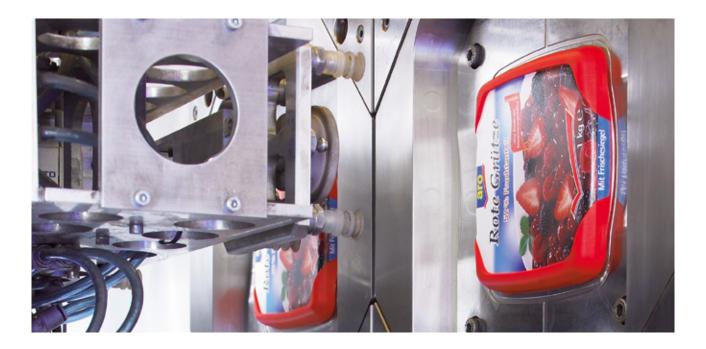
Consistently implemented plastics expertise: In-Mould-Labelling. Progress for your success – Pöppelmann FAMAC<sup>®</sup>.







## Even more precise, even faster, even more economical: **In-Mould-Labelling.**

In-Mould-Labelling (IML) turns labels into a non-detachable part of the injection-moulded packaging. No coming off at edges and corners, no shifting, no slipping, no damage within the label. The finish is abrasion-proof, the appearance is characterized by bright colours and photoquality pictures. All information remain permanently legible. In many cases, the manufacturing costs with the IML process are even lower than with a traditional decoration. Pöppelmann FAMAC® is a leading developer and producer of packaging with IML.

Since the late 1990s, our experienced staff in cooperation with our customers from the packaging industry has been taking demanding IML projects to economic success. In cooperation with strong partners from the printing sector, we are contributing our expertise to make sure that your packaging with IML finish will be among the winners in the competition. Every day, Pöppelmann FAMAC<sup>®</sup> supplies evidence of the efficiency and reliability of this technology in our own in-house production. Use our cost saving standard packaging

to launch your product fast but with a strong brand presence. At your request, we will be glad to develop and produce individual packaging to support your advanced technology by tailor-made packaging solutions. No matter which of the two options you are choosing: cooperation with Pöppelmann FAMAC® saves time and money. It ensures that you will get maximum quality and reliability.



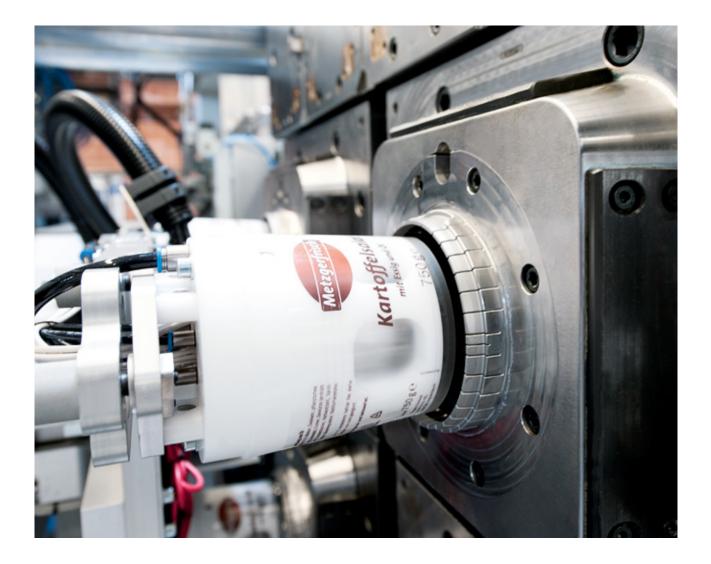
During the In-Mould-Labelling process, labels are added to containers or lids directly during the moulding process. The printed decorative foil, often as thin as  $50 \mu m$ , is positioned in the tool by a robot. After fixing it in the mould, back-injection moulding with the container material takes places. After the injection moulding process, label and moulded part are one inseparable item with a continuous surface.



As moulding and finishing take place in one single process, the logistic efforts for intermediate storage are omitted. Significant time and cost savings can be achieved which make In-Mould-Labelling particularly efficient. Furthermore, the process is environmentally friendly. As the same basis material is used for label and container, the recycling properties of cups, buckets, boxes and other packaging with IML finishing are excellent.









The In-Mould-Label follows the shape of the moulded part and may also extend over several sides of the container. Depending on the foil structure, these large-area labels can also act as a barrier layer that increases the durability of the contents of the package.



Newcomers to the IML technology as well as experienced users are in good hands at Pöppelmann FAMAC<sup>®</sup>. We provide comprehensive support: from design and construction over material selection and toolmaking up to serial production. As a competent development partner, we find efficient solutions to demanding challenges.

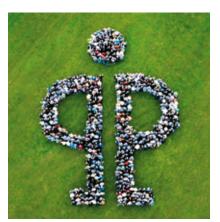




## A successful family-owned company: Focusing on people.

Pöppelmann – a strong and reliable partner. Since 1949 the familyowned company Pöppelmann with 5 production sites and 550 injection moulding, thermoforming machines and extruders has proved itself to be a leading manufacturer in the plastic processing industry. In more than 90 countries the quality "made by Pöppelmann" is appreciated. More than 1,900 highly qualified employees stand for our success.

Our Pöppelmann FAMAC® business division develops and manufactures technical functional components and packagings for the food, pharmaceutical, cosmetics and medical industry. To this end, the introduction and implementation of a quality management pursuant to DIN EN ISO 9001:2008 and of a hygiene management system in accordance with the Codex Alimentarius has been certified by an independent institute.



More than 1,900 Pöppelmann employees stand for productivity, quality and service.



Germany, Plant 3 (FAMAC®): Pöppelmann GmbH & Co. KG, Lohne



Germany, Plant 1: Pöppelmann GmbH & Co. KG, Kunststoffwerk-Werkzeugbau, Lohne





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