



Otto Hofstetter AG

PAC: How even thinnest walls can now be oxygen-proof thanks to co-injection.





Barrier injection moulding of thin-walled packaging products. A world's first of highest reliability and a long useful life, made in Switzerland.

The highlights.

- Injection of two different materials through one nozzle is possible without lengthening the cycle time
- Three-layer injection moulding: barrier layer in the centre of the product
- Uniform barrier layer
- Rotation-symmetrical distribution of the barrier right to the container's rim
- Conversion of existing moulds is possible (hot side)
- Use of a standard two-component injection moulding machine

Your benefit.

- No machine of special execution required
- Based on known and well-proven mould technology (used in preform moulding)
- Only slightly thicker walls
- Cycle may become minimally longer (depending on barrier layer)
- Harmless (regulations on foodstuffs)
- Good protection of the aroma
- Good gas barrier
- The filled product's shelf life can be extended/guaranteed

Technical data.

Product dimensions	81 × 81 × 93 mm
Cycle time	5.0 s
Ratio of flow path/wall section	1 : 180
Required clamping force	1,000 kN

