

New ISO 7 injection-blow moulding line at Union Plastic: UP PHARM® bottle



Photo credit : Fotolia

Union Plastic has made innovation a central priority for the last 2 years and, as such, has added a new area of expertise to its arsenal, injection-blow moulding. With this expertise, the company is now in a position to develop LDPE, HDPE and PE plastic bottles of volumes varying from 5 to 100 ml.

Union Plastic now offers the supply of bottles blow-moulded with controlled processes, entirely in an ISO 7 class environment as per NF EN ISO 14644-1:2016. Blower ceilings equipped with high-efficiency filters protect the zone where parts are injected. The parts are subsequently conveyed into an ISO 7 room for assembly and packaging.

This ISO 7 class environmental conditions are equivalent to Good Pharmaceutical Manufacturing Practices Class C. This particulate cleanliness is a real advantage for the healthcare sector since ISO 7 class bottle production makes it possible to reduce residual endogenous endotoxins after sterilisation.

With this advantage, Union Plastic is targeting the ophthalmic and self-medication market, particularly bottles intended for the nose, mouth and ears containing active ingredients sensitive to ambient bacteria such as antiseptics or antibiotics.

A range of catalogue products is under development and will expand the offering of blow-moulded bottles for the healthcare sector.



New injection-blow moulding line at Union Plastic. Photo credit: Union Plastic