

viscount plastics (nz) ltd



3L Nestle Container



ENTRANT

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CATEGORIES ENTERED

Environmental Impact



Plastic Packaging



SPECIAL FEATURES

Viscount Plastics worked with Nestle NZ and Australia to design a plastic alternative to metal cans for packaging Maggi Stock soups, stock, sauces and desserts for distribution to the food service market in both countries.



Using existing European container shape the Viscount objective was to design a product that maximised supply chain efficiencies, have the strength to withstand the rigours of shipping to Australia and a key feature - promote reusability/recyclability by the consumer.



Apart from the above areas of design, the product was designed to meet efficiency targets ie energy, noise pollution, storage, transportation, production gains.



Environmental Design Benefits = a 49% reduction in pack weight through change to plastic. Result = 163 tonnes of raw material / packaging weight pa has been removed from the supply chain.



Transportation = Supply chain gains of 28% achieved by changing to a plastic nestable container. Delivered empty the new container is 5 times more freight efficient than the previous metal can. When full of product a saving of 2216 pallet movements pa is achieved.

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Storage = Production ready containers stored at Nestle shows a saving of 15 pallet spaces per day.



Reusable / Recyclable = Freezer, dishwasher and microwave safe, easy lid closure. Deep nesting ensures max storage space. Write on panels ensure the consumer can identify contents when reusing.



Made from 100% polypropylene.

