

Reference case

RBS Filters - Reusable Systems

The Customer Case

The presenting transportation challenge was to ship RBS filters from a first tier supplier to the OEM. The requirement was to ship 150,000 filters annually in 11 cycles. The existing packaging consisted of a tri-wall corrugated carton and polystyrene internal fittings. Due to the increased monetary/wastage costs for cardboard, product damages, and cumbersome packing operations, the OEM decided to look for a new improved solution.

The Nefab Solution

An in-depth analysis of the first tier supplier's product flow was carried out to determine the best solution for the OEM. Key parameters included space utilisation, incorporation into the OEM's internal system and reusability. Frequent supply loops within the product transfer were identified and a reusable system based on Nefab RePak containers was developed.

The Customer Benefits

Thank's to the implementation of Nefab's reusable system it was possible to realise a cost saving of £1,864,650 with a payback of the investment in 2 months. Apart from the direct cost savings, other benefits include; less time spent in packing, product damages are now virtually zero as well as environmental/waste costs.

Summary of benefits:

- Reduction of total costs
- Flexibility to meet internal/external requirements
- Ergonomic design
- Strength
- Reusability



Collapsed box



Container with insert



Plastic moulded trays for TRU's