

HENKEL TEROSON STREAMLINE FILTRATION PROCESS

Five totally enclosed self-cleaning filters, supplied by Russell Finex Limited, of Feltham, Middlesex, have replaced the use of vibratory sieves for the filtration of plastisols at the St Neots, Cambridgeshire factory of Henkel Teroson UK.

The changeover was made to facilitate a switch from drums to intermediate bulk containers (IBCs) for transportation of the plastisols, which are used in automotive factories for undersealing car bodies.

In-line filtration

Besides virtually eliminating the need for mesh cleaning, the new filters provide in-line operation, which Henkel Teroson regarded as a key requirement for the efficient filling of IBCs.

Their function is to remove any oversize particles which would be likely to interfere with the spraying of the plastisols in users' factories.

High volume production

Specially designed to meet the need for high volume continuous production, the filters feature an electrically or air-operated wiper blade which keeps the micro-screen clear of oversize solids, thus ensuring unrestricted liquid flow. The oversize gravitates towards a sump, which incorporates a solids discharge valve.



- **Eliminate need for mesh cleaning**
- **Increase productivity**
- **Protect products and operators**

Totally enclosed filtration

Constructed from stainless steel throughout, they are easy to maintain and are totally enclosed to protect the strained product from airborne or other contamination. The enclosed filters also protect the operators from any hazardous product, thus helping to meet COSHH regulation while also reducing noise levels.