

AODD Pumps for Packaging Industry

Over the past 3 years **Neoflux** has supplied upwards of 15 units of **nfp25** model pumps to leading Indian manufacturers of coatings for the packaging industry. Most are being used for transferring raw materials into vessels and on the discharge side for recirculation and filling-off into IBCs and road tankers. The objective is to shift liquids ranging from low viscosity solvents through to high viscosity resin raw materials quickly on demand.

Transferring coatings, resins and solvents around a production plant can be a difficult process in respect of preventing leakage of the pumped medium and the effects that any solids contained within the medium can have on a pump's components.

Leakage to the atmosphere creates potentially hazardous and environmentally dangerous conditions, making fluid containment a basic necessity. Furthermore, component wear reduces the working life of the pump, increases maintenance costs and contributes to lost production due to down-time. Of the many pump types that can be considered for transferring fluids in the coatings and resin industry, the air operated double diaphragm (AODD) positive displacement pump ticks most performance boxes.

The **nfp25** is suitable for transferring heavy, abrasive liquids and slurries equally as efficiently and effectively as fluids that can be damaged by high shear forces. When it comes to maintenance this customer places a relatively low priority on the **Neoflux** pumps as it has confidence in their ability to run unattended for long periods. The plant runs a batch production schedule on a 24/7 basis and it is common for individual pumps to run non-stop for 4 hours a day. In fact, more often than not, it is only when the pump has reached break-down point that it is taken out of operation for servicing and two years' unbroken operation is not unusual.



- Seal-Less technology
- Run Dry capability
- Deadhead capability
- Suction Lift capability
- Can pump Viscous / Thin fluids
- Can pump Solids / Abrasives

- Infinite turndown for Flow & Pressure (no expensive VFD required)
- Easily portable
- Can operate in classified areas / pump flammables (no explosion proof wiring needed)
- Good for Shear Sensitive Gentle products

Neoflux is active all over India and specializes in the marketing, distribution and provision of a complete sales engineering service for high quality, market leading fluid handling equipment. **Neoflux** high standards of technical competence, service and integrity have contributed to steady growth since its establishment in 2008 and form the basis for future development.

Neoflux represents world leading manufacturers of pumps and other fluid handling equipment, and together we offer the highest value to customers. Our philosophy is to continue to enhance the range and scope of services, and to offer customers full commitment and value from one source.

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More information is available on Neoflux™ at www.neoflux.in

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