PRODUCT DATASHEET

Paint, Resin and Ink Filtration Skid

Bag, cartridge and self-cleaning filtration for coatings plants

Product page





Close-up: self-cleaning filter

OVERVIEW

The Tech Inc. Paint, Resin and Ink Filtration Skid removes gel particles, undispersed pigment and dirt from paint, resin, ink and coating colour before filling or coating. Bag, cartridge or self-cleaning filters sit on a skid with changeover valves and a pump suited to viscous products.

TYPICAL DESIGN DATA

Filtration	Bags about 5 to 200 µm, cartridges about 1 to 50 µm, self-cleaning screens to about 25 µm
Materials	304 or 316L
Viscosity	Up to several thousand mPa·s with suitable pumps
Codes and standards	Pressure parts to PED or ASME VIII; electrics to ATEX or IECEx for solvent-based products
Hazardous area	Flameproof build for solvent-based products
Arrangement	Single or duplex
Elements	Bags and cartridges supplied

MODELS AND CAPACITIES

- **TI-PRF-2** – about 2 m³/h
- **TI-PRF-8** – about 8 m³/h
- **TI-PRF-20** – about 20 m³/h
- **TI-PRF-50** – about 50 m³/h, self-cleaning

Indicative flows at moderate viscosity.

ORDERING CODE

Example **TI-PRF-8-B-D-X**: **8** flow, m³/h; **B** filter: B bag, C cartridge, S self-cleaning; **D** S single, D duplex; **X** X flameproof build for solvents, N standard.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: self-cleaning filter; flameproof build; heated housings; wash-solvent recovery; spare elements.

KEY ADVANTAGES

- **Fewer rejects** – gels and agglomerates removed
- **Viscous products** – pumps chosen for the product
- **Lower running cost** – self-cleaning or high-capacity bags
- **Repeat supply** – elements from the same supplier

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Designed and built by Tech Inc. · **Part of the Davey Group since 1990**
Offices: Chennai · Toronto · Tallinn · Al Khobar
mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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