

# Coatings Filtration

Allowing true colours to shine through



Parker can supply a wide range of filter cartridges suitable for the demands of the coatings industry. This industry produces high viscosity fluids, which are mixtures of resins, solvents, pigments and other additives that provide specific properties to the end product. The filtration of these fluids is essential to removing grit, agglomerates and other contaminants and to assure the desired properties for the coating, whilst having no affect on adhesion, colour and dispersion.

For many people, the word coatings is immediately associated with images of paint. However paint represents just one aspect of the incredibly diverse world of coatings that also includes highly viscous adhesives, high quality automotive coatings, inks, resins, photographic films, magnetic coatings etc, each application presents unique challenges when it comes to the type of filtration required.

There are several challenges to manufacturers of coatings, these include unnecessary recirculation of product, stripping of pigments & metallics, operator exposure to volatile organic compounds, contaminant fibres and the high viscosity of some of the products. High viscosities require a filter with the ability to withstand high differential pressures. Parker's resin bonded depth filters achieve this through an outer spiral wrap that increases strength and also collects larger particulate and agglomerates allowing the inner layer to control particle size at the desired micron. Additionally these elements are manufactured silicone free, an essential attribute as it avoids adhesion problems associated with these compounds.

So whether your filtration requirements are for the removal of gels in adhesive, the classification of pigments in paint or the removal of contaminant in solvents, our diverse range of filtration solutions maximize operational performance in this most challenging of applications.

Applications
Coatings
Adhesives Resins Electrical wire coating Reflective and anti reflective optical coatings Digital storage media
Paints
Primers Resins Base coats Clear coats Solvents Anti-corrosion Electrodeposition
Inks
Bulk inks Tints and dye Inkjet labelling Newspaper inks





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OF YOUR FILTRATION REQUIREMENTS

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- ULTRAVIOLET
- TREATMENT OF BOREHOLES,  
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- WATER TESTING

**FUEL FILTRATION**

- DIESEL, AVIATION



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*for all your filter requirements*