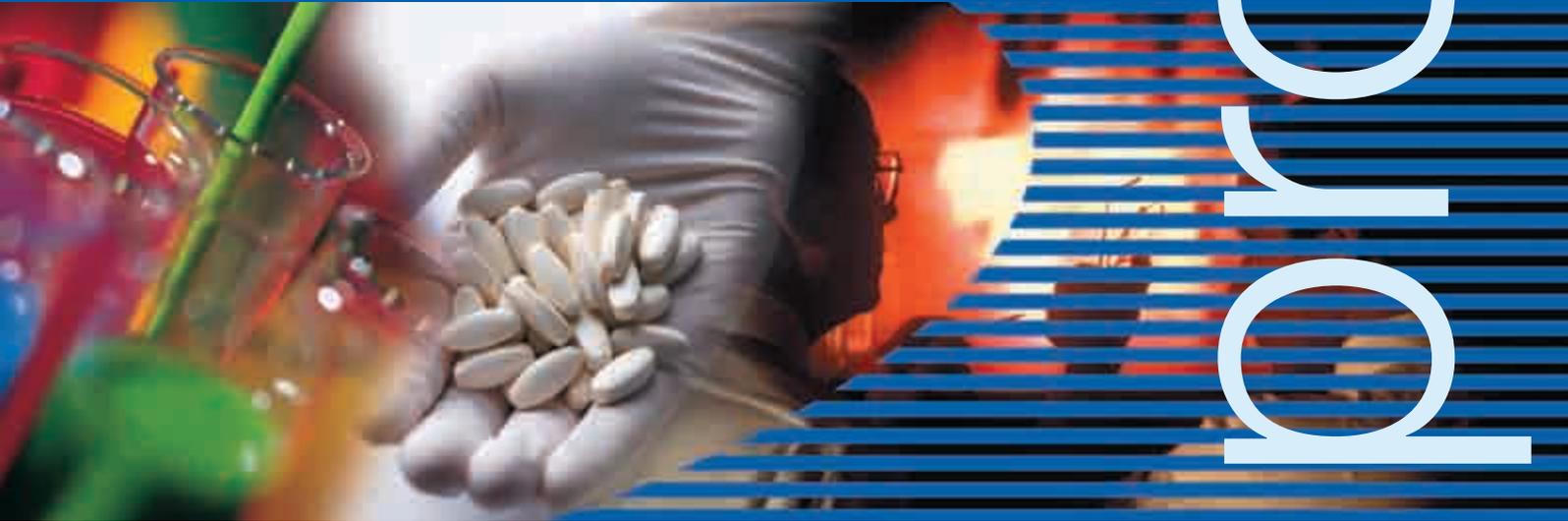


Profile



**Durham
Filtration**

Quality filters through

Profile



services

Durham Filtration was established in 1977, to service the filtration needs of a wide range of industries. Competent engineers who are specialists in their chosen field manage the various divisions, delivering a high level of know-how and expertise.



At Durham Filtration we attribute the growth we have enjoyed to our ability to co-ordinate and supply the requirements of our customers, whether it be single source supply contracts, adhoc supplies, on-site fitting, testing, ultrasonic cleaning or product refurbishment.

This is made possible due to the excellent relationships we have forged with over 100 'first tier' suppliers and a further 250 smaller suppliers. These relationships allow us to source and supply, cost effectively even the most obscure requirements of our customers.

Commercial demands ensure that we adhere to a strict regime of continuous learning. This enables us to offer knowledge and engineering expertise, together with a high level of technical support to our customers.

Customer service is always paramount in our minds and offering local levels of service to a national market has always been our aim. To help us achieve this we have dedicated business administrators who will ensure your needs are met on time.

Current business thinking and our staffs commitment to achieving excellence has helped us achieve accreditation to ISO 9002 and Investors in People.



Supply

Our core business is the supply of original key brand replacement filter spares. Our customers demand high quality products from reputable suppliers.

With our extensive supply base we are truly a one-stop-shop. Over 70% of our turnover comes from Blue Chip companies who place their total requirements with us.

Service

Our service is second to none and our highly trained and efficient Administrators will ensure that your enquiries and orders are managed efficiently.

Our various Divisional Managers will be able to respond to your technical and commercial needs. Each is a time-served engineer with experience in the market they serve.

Installation

Supply and fit has become an increasing requirement from our customers. Our service team would be delighted to undertake installation and maintenance work for you.

Validation

Where testing is crucial, for example in the pharmaceutical industry, we offer both testing and validation services.

The validation process is contracted to a third party to ensure an 'independent' view of our installation work is maintained.

oil & gas processing



chemicals & polymers

Oil Refineries, gas processing, pumping and distribution systems require efficient and highly reliable filtration systems to ensure cost effective production.



In this truly global market, filtration is both a cost and a source of profit. The correct selection of manufacturer, product and grade can have a significant impact on the total cost of ownership. Our expertise covers many applications such as:

Applications

- Gas conditioning
- Lube and fuel oil production
- Amine conditioning and recovery
- Gycol conditioning and recovery
- Lube oil conditioning
- Fuel and instrument gas
- De-watering

Advice

Our engineers are able to offer advice and application support in many areas, bringing technical expertise from a wide range of industries, applications and manufacturers.

- Single source supply
- Product supply/product evaluation
- Framework agreements
- Cost reduction programmes
- Process problem solving
- System re-engineering, maximising the effective balance of CapEx/OpEx
- Filter management
- Validation
- System testing/analysis

The production of feed stocks is a highly competitive business, with end-user markets that are extremely diverse making filtration a key ingredient.



The final product may be a pharmaceutical drug whose purity level must be unquestionable or a clothing fibre which must be produced at minimum cost.

The continuing drive to reduce costs is ever present in this diverse market. The use of cost effective filtration solutions is a must to maintain plant integrity and product quality. Our intimate knowledge of many processes enables us to be your ideal partner in providing engineering solutions in applications such as:

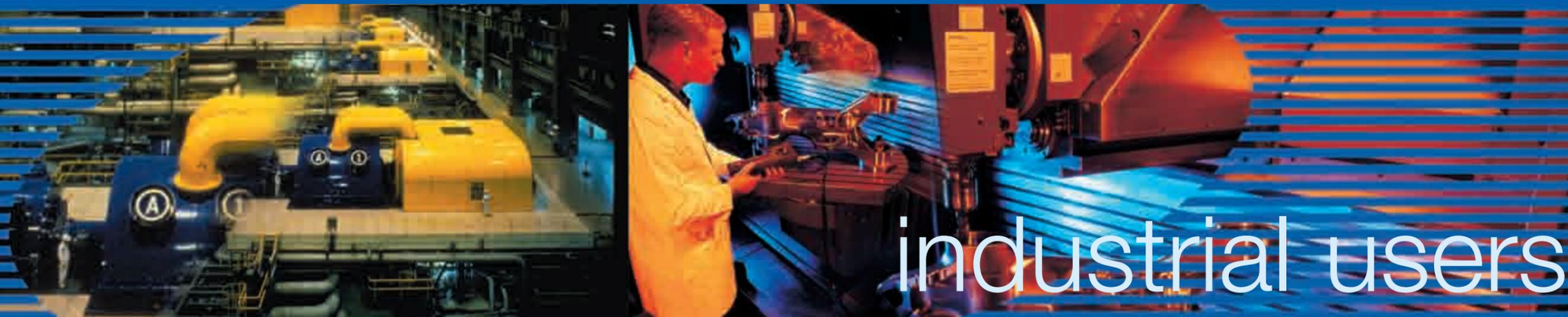
Applications

- The production of - monomers, polymers, acids, bases, feed stocks
- The protection of - catalysts, equipment
- The recovery of - product, catalysts

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industrial users

In the de-regulated world we now live in, the generation of electricity has become fiercely competitive. Both coal fired and gas turbine plants have their individual needs for various types of filtration.



The correct selection of filtration products can have direct impact on the output of a gas turbine. For example, the increase in saleable product and reduced machine fouling has a significant impact on operating costs.

Our ability to provide total supply solutions with estimates of increases in revenue, ensures that the most cost effective filtration solutions are employed.

Applications

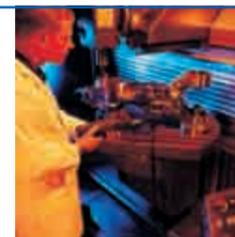
- G.T. air intake systems
- Fuel filtration
- Lube oil cleanliness
- Condensate treatment
- Steam filters
- Make up water
- Cooling systems

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Filtration systems are now used in many industrial and commercial applications. The mix of customers and suppliers are endless, from automotive painting booths to water filtration, each has an exacting requirement.



Our experience and supply base is extensive giving us the ability to source all of your needs no matter how diverse.

Applications

- Protection of plant and equipment
- Air conditioning
- Protecting the environments
- Domestic products
- Personal protection

Our engineers are able to survey your requirements and provide you with a full range of products meeting all of your needs delivering:

- Original branded parts
- Competitive prices
- Technical support

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hydraulics & fluid power



pharmaceutical

In the world of machinery and moving parts the filtration of hydraulic oil has become a must. Serious component wear from contamination in the form of particulates and water can cause the costly failure of fluid power systems.



Preventing wear and tear through using the correct type and levels of filtration can generate significant cost savings. All too often users leave it too late to consider how best to protect their systems. Once the damage is done repairs can be expensive.

Some simple forms of analysis can be undertaken to establish oil cleanliness, this basic data in the hands of a competent engineer could save you significant hassle and repair bills.

Applications

- Servo motor protection
- Servo control valves
- Valve and piston pumps
- Gear pumps and motors
- Hydraulic cylinders and systems
- Cleaning new oil

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The production of drugs for human use is one of the most regulated processes in the world. Advances in medical science have increased the number of drugs available in the market. Manufacturing techniques are both complicated and stringent.



Filtration is a significant contributor in the whole process, from clean rooms where processes take place, to filtering the drug itself.

Competent suppliers of validated product are essential. Some drug manufacturers have extended the level of 'component' compliance by asking the supplier to install and commission the filter he is providing. Our supply, fitting and validation ability gives the user a competent turnkey service.

Key Applications

- Clean rooms
- Dispensing booths
- Safe change units
- Vaccines/sera
- Injection solutions
- Blood plasma
- Fluid bed dryers

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The food and beverage industry has become a global market with manufacturers producing high quality products for demanding customers. Reproducibility and consistency is a key factor in maintaining brand loyalty.



High-quality filtration products can assist manufacturers in maintaining stringent production standards and support high product yields.

The removal of micro-organisms, for example, can significantly improve the shelf-life of products and remove spoilage, giving significant savings.

Applications

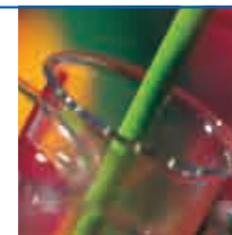
- Brewing/wine making
- Soft drink manufacture
- Milk/powdered-milk products
- Fruit-juice filtration
- Sterile processes

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As an independent provider of filtration products, we offer impartial advice; our reputation relies upon delivering quality products and engineered solutions with low in-service costs, all major brands are available, often ex-stock.



Filter Applications

- Air Filter Systems
- Backflushing Filters
- Bag Filters
- Belt Filters
- Candle Filters
- Cartridge Filters
- Coalescers
- Compressed Air Filtration
- De-watering and Fuel Treatment
- Drinking Water Filters
- Dust Collectors
- Electrostatic Precipitators
- Engine Filters
- Filter Presses
- Fume and Hot Gas Filters
- Industrial Chemical Filters
- Machine Air Intake Filters
- Membrane Filters
- Mist Eliminators For Gases
- Oil Hydraulic Filters
- Oil/Water Separators
- Process Filters
- Rotary Drum Filters
- Sintered Filters
- Strainers
- Woven Wire

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INVESTOR IN PEOPLE



Certificate No. RS31590



**Durham
Filtration**

Quality filters through