

Hall Pyke Proudly Continues Support for Ranelagh Rockets' 4th Birthday!



Hall Pyke are thrilled to announce our ongoing sponsorship of the Ranelagh Rockets as they celebrate their 4th birthday! This inspiring team, part of the Ranelagh Gaels GAA club, provides a vital opportunity for children with additional needs to engage in the wonderful game of GAA football.

Every Saturday morning, boys and girls aged 6 to 18 participate in two dedicated coaching sessions, enjoying one-on-one support in a safe, inclusive, and fun environment. The Ranelagh Rockets not only foster athletic skills but also promote social interaction and community spirit, making a significant impact on the lives of these young athletes.

At Hall Pyke, we believe in the power of community involvement, and we are proud to support an initiative that enriches the lives of children and their families. Here's to another fantastic year for the Ranelagh Rockets! Together, let's continue to celebrate the joy of sport and the incredible benefits it brings to our community.

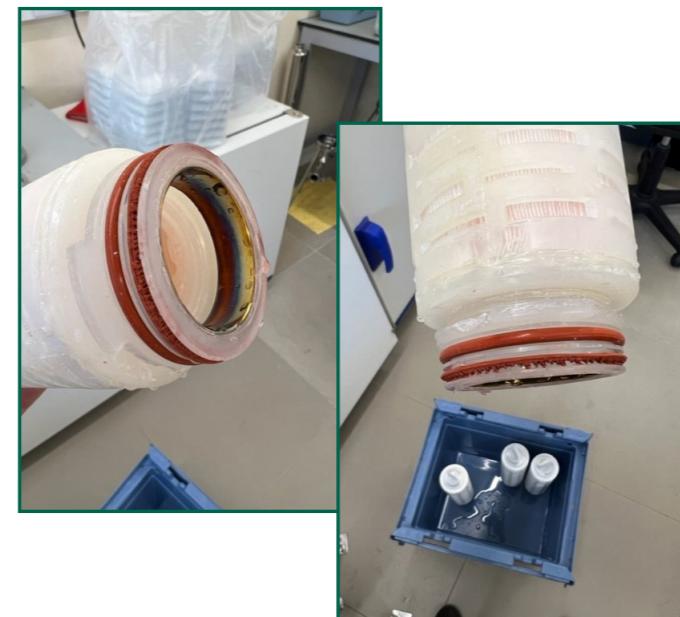
Why it's so important to get the correct seal material for your sterile filter.

We had a filter returned for integrity testing, on inspection there were clear signs of damage to the seals and a discolouration of the membrane close to the seal end.

As can be seen from the pictures the silicone seal has began to break down. While we can't be sure that this is the cause of the pinkish colouring on the membrane, what we are sure of, is that this has affected the result, the filter failed two types of integrity test.

The filter was first tested by water intrusion test but failed. It was then tested by diffusive flow using 60/40 IPA as the wetting agent but again it failed. The filter was then soaked in 100% IPA to see if we could leech out the colour. We didn't see much change in the colour, when we retested it failed again.

When choosing the sterile filter, if the correct seal selection was considered then this could have been avoided.



Hall Pyke

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Hall Pyke NEWS UNFILTERED

January 2025

Welcome to the First Edition of the Hall Pyke Newsletter

We are excited to share the latest updates from Hall Pyke and keep you informed about developments within our company and the industry. For over 47 years, our family business has been trusted by clients—from small manufacturers to large multinationals—as far away as Houston, Texas, to meet their filtration needs. This success reflects our commitment to delivering the best solutions, no matter where you are located.

In addition to our filtration products, we have expanded our services to include laboratory testing, validation, and support, ensuring the integrity of your filtration systems. Our expert team is dedicated to providing tailored solutions that give you the confidence and support you need. We are proud to maintain our ISO accreditation for ISO9001 and ISO14001, reinforcing our promise to meet the highest standards in everything we do.

At Hall Pyke, we are also deeply committed to sustainability. We continuously strive to minimize our environmental impact through responsible practices in product design, manufacturing, and waste management, all aimed at contributing to a greener future. Our community involvement is equally important to us. As active supporters of our local GAA club, we believe in giving back and strengthening the ties that connect us to the community.

Thank you for your continued trust in Hall Pyke. We look forward to maintaining our partnership and keeping you informed as we evolve to serve you better!



Andrew Hall, Managing Director

In this issue:

Choosing the correct seal material for sterile filters

Meet the team

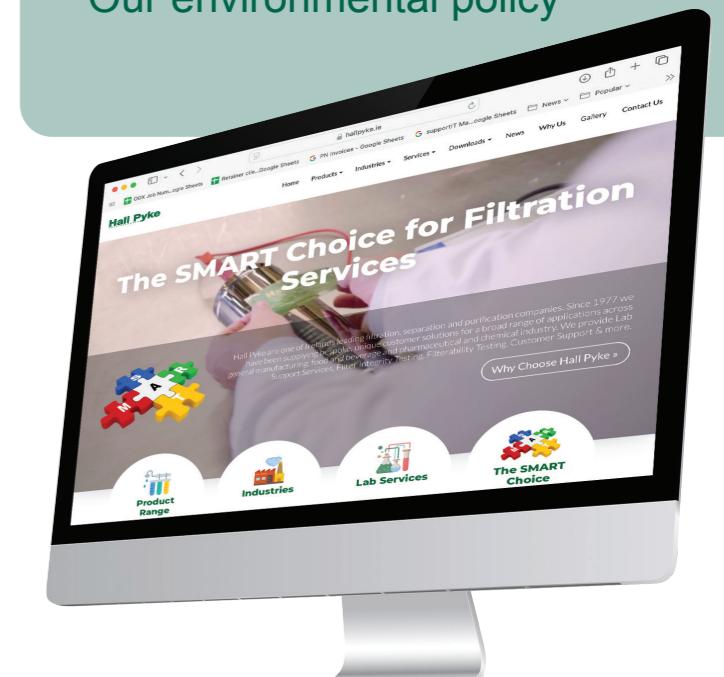
Supporting the Renalagh Rockets

Custom made filter housings

PTFE Solvent Filter

Filter validation process

Our environmental policy



To view our comprehensive range of filter solutions or to see our services please visit us online.

www.hallpyke.ie

Introducing our custom made filter housings

Hall Pyke offer a bespoke design and manufacturing service for all types of filter housings. Our team can work with you to design a housing to meet your exact specification. The pictures show just one example of our capabilities, this multi round bag filter housing was designed for a pharmaceutical customer who needed a bag filter that could be cleaned easily. The bag housing design we agreed on has a removable internal cell plate c/w sanitary finish to facilitate cleaning.

Material:	Hastelloy C22 wetted parts
Internal finish:	Ra 0.5
Connections:	tri-clamp
Design code:	ASME VIII, PED Cat VI, Module G, c/w CE marking & declaration of conformity
Fluid group:	Suitable for group 1 liquids & gases
Mounted on mobile lockable, non-sparking castors.	

If you have requirements for custom or standard build filter housings, please give us a call on 353-1-4501411 or send us a mail at info@hallpyke.ie



Meet the team - Des Murray



Des has worked with Hall Pyke for 24 years, managing customer accounts in various sectors, including Pharmaceutical, Medical Device, Food and Beverage, and General Manufacturing. His mantra is to offer the best filtration solutions for customer-specific inquiries.

Des began his career in the electronics industry, working in the industry for 9 years while studying at night to become a Maintenance Technician. He then transitioned to Technical Sales, where he has spent nearly 26 years. Several years ago, he earned a diploma in Process and Chemical Engineering from UCC through night studies.

Des lives in Rylane, Co. Cork, with his wife and two children, aged 23 and 21. He is an avid sportsman who played GAA and soccer in his younger days, but now he prefers watching sports on television while keeping fit with Circuit training and walking his dog in nearby hills and forests. His passion for golf has resulted in numerous achievements, including serving as Captain of Blarney Golf Club. He recently achieved an impressive handicap of 1.3!

Environmental Policy Statement

Hall Pyke are proud to have hold and maintain the ISO14001 standard for our environmental management system. Our objective is to ensure that we pass the business to the next generation in an even better place than today.

We are committed to:

- Complying with all legal requirements, codes of practice and regulations.
- Assessing the environmental impacts of our operations, continuously seeking to reduce pollution and improving our resource efficiency through reduction of energy use and waste.
- Promoting environmental and energy awareness with our employees through participation and training.
- Working with our customers to make more environmentally sensitive choices.
- Monitoring our progress to ensure ongoing improvements in our environmental performance.
- Communicate this policy to stakeholders and the public and work with our neighbours to improve the community.
- These commitments will be carried out in line with our environmental policy

Introducing the Super-Dura, Hall Pykes Hydrophilic PTFE Solvent filter

The Super-Dura filter cartridge is designed for the majority of pharmaceutical liquids, but essentially for solvent containing liquids and ophthalmic solutions.

The Super-Dura filter is composed of a Hydrophilic PTFE membrane which provides excellent chemical and heat tolerance while also providing good flow rates and low differential pressure.



Features and Benefits:

- Hydrophilic PTFE membrane which requires no pre-wetting
- Excellent chemical compatibility
- Minimal preservative binding in ophthalmic solutions
- Clean membrane with very low gravimetric extractable
- Available in 0.2, 0.45 & 1 micron

FILTER VALIDATION PROCESS



We offer filter validation services for customers who need to switch from their incumbent due to technical issues or supply chain issues. Whatever the reason, we are here to assist.

Filter validation is the process of confirming that the filter used to sterilize a pharmaceutical product does so adequately by efficiently removing microorganisms. It is a critical step in developing and manufacturing pharmaceuticals that use final filtration as the method for sterilization.

Filterability test: The filterability trial aims to define and confirm the correct sizing and performance of the filter in the specific process conditions according to the proposed filtration pathway.

Compatibility test: Compatibility validation studies aim to have documented evidence demonstrating that the filtration process, under simulated worst-case processing conditions, will not affect the filter's physical structure or its ability to perform its stated function; Integrity testing, where applicable, is a "physical test" that relates to microbial retention and is a determinant of compatibility.

Particle Release test: Particle release validation studies aim to have documented evidence of the determination of the quantity of particles that can be released from a filter into the specific product liquid during the filtration process.

Our lead time options: **Standard** lead time: 10-12 weeks. **Fast** lead time: 8-10 weeks. **Fast Plus** lead time: 6-8 weeks

Extractables test: Extractables validation studies aim to have documented evidence demonstrating that the process components (filters) used in the specific process will not alter the drug product in terms of safety, identity, strength, quality or purity beyond the official or other established requirements.

Adsorption test: Adsorption validation studies aim to have documented evidence demonstrating that the filter used in the specific process conditions will not bind drug components because this may cause the product to fall below specifications for these ingredients; therefore, if an adsorption phenomenon occurs, this should be addressed.

Bacterial retention test: Bacterial retention validation studies aim to have documented evidence demonstrating that the filtration process will generate a sterile effluent and consistently remove a high level of a standard bacterium suspended in a specific product or surrogate fluid under simulated worst-case processing conditions.

Product-wetted integrity test: A Product-wetted Integrity test aims to determine and provide the specific product's bubble point and forward flow parameters.