



Domestic Infection Control Bags

Made from Hydropol™ using Aquapak's patent-protected technology

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Key benefits

- Strong and safe to take work clothing home and wash.
- Excellent barrier properties minimises the risk of cross-contamination during travel and into the home.
- Reduces risk of infection transmission
 - Hydropol material is a hydrophilic polymer. This gives an effective barrier against pathogens, reducing the time any infection pathogens will dwell on the material and lowering the risk of transmission compared to hydrophobic polymers e.g. polythene.
- Ideal for single-use applications without negative environmental impact
 - Replacing polyethylene bags with Hydropol bags saves potentially contaminated polyethylene from landfill/incineration
- Physical handling of laundry reduced as closed bags can be put directly into washing machines.
- Bags fully dissolve safely at ≥40°C/104°F however a wash cycle of 60°C/140°F is recommended to kill pathogens
- Bag completely dissolves – does not clog filters or leave residue on clothing.
- Easy to see contents thanks to excellent transparency with over 90% transmission rate when tested to ASTM D1003 verified to ISO 14782.



What users say



"This is a major anxiety for staff at the moment; taking home contaminated uniform... [with these bags] we have been able to relieve a lot of anxiety and have received some great verbal feedback. They are high quality, completely dissolve and definitely fit for purpose." **Kelly Ellis, Enhanced Care Team Leader - Birmingham Community NHS**



"The staff have been using them to take their uniforms home, they are very good and have been really useful." **Chris Reed, Acorns Children's Hospice**



"The bags are amazing and have helped over 600 doctors and nurses already." **Jack Bailey, Worcestershire Acute Hospitals NHS Trust**

How to Order

Email: info@aquapakpolymers.com

Call: **Europe** +44 121 516 5656 **Asia** +65 975 53 203 **USA** +1 413 246 4452





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Key Technical Facts

Aquapak Hydropol™ Domestic Infection Control Bags

Material: Hydropol™ 33100 series

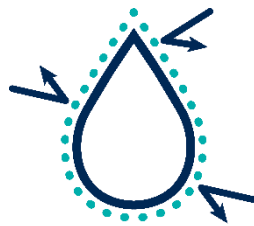
- PVOH base resin well established as safe and non-toxic, marine-safe.
- Hydrophilic (water-loving) so does not attract toxins and does not form harmful microplastics.
- High bi-axial strength and puncture resistance (x2.5 strength HDPE by weight).
- Oxygen barrier (equivalent to EVOH), solvent, petrochemical, grease and oil barrier.
- UV resistance.
- Clear film with excellent anti-static properties.
- Can be printed on directly, excluding the need for 'corona' treatment, and good for heat sealing.



Marine-Safe



Anaerobic
Digestion



Excellent barrier
properties



Transparent



UV resistant

End-of-life

- Bags fully dissolve safely at $\geq 40^{\circ}\text{C}/104^{\circ}\text{F}$ however a wash cycle of $60^{\circ}\text{C}/140^{\circ}\text{F}$ is recommended to kill pathogens
- The dissolved polymer is non-toxic and passes through to the waste-water treatment plant where it then harmlessly degrades into CO_2 , water and mineralised biomass.
- If used for non-laundry, bags are sortable in recycling plants through its own infrared signature.



Technical data

For Technical Data Sheets, Material Safety Data Sheets and White papers, please visit <https://www.aquapakpolymers.com/technical/>

Case Studies

Please visit <https://www.aquapakpolymers.com/infection-control-bag-case-studies/>

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