

H₂OK

WATER SOLUBLE BAGS

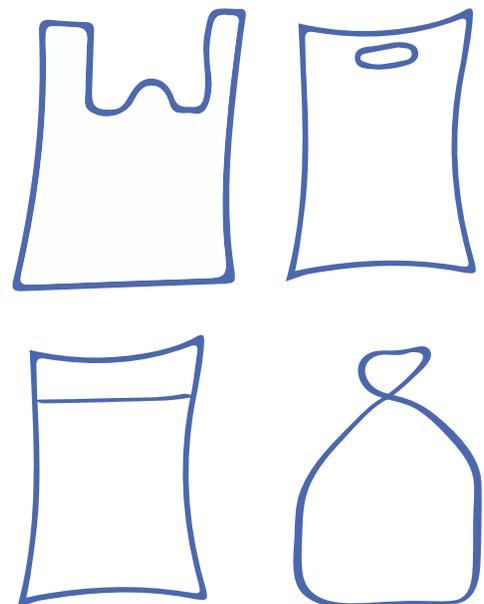
LIFE-CARING BAGS



By **INFHIDRO**
Innovaciones en Film Hidrosoluble

WATER SOLUBLE FILM BAG

H2OK water soluble
film bags
dissolve in contact
with hot water
(70 °C or more),
making them an excellent
eco-friendly option
for replacing traditional
polyethylene (PE) plastic bags
and complying with
environmental regulations.



WATER SOLUBLE FILM BAG

Made of Water PVA Soluble Film

Biodegradable & Non Toxic

Extra Strong

Soluble at 70C

Free of PP or PE

Does not Generate Microplastics

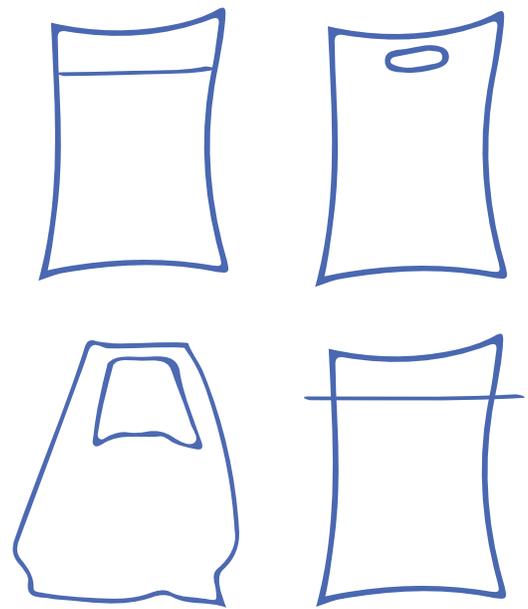
Easy to fold

Once-dissolved, H2OK bags do not generate microplastics, unlike traditional Polyethylene (PE) Polypropylene (PP) bags.



WATER SOLUBLE FABRIC BAG

H2OK water soluble
fabric bags
dissolve in contact
with hot water
(100 °C or more),
making them an excellent
eco-friendly option
for replacing polypropylene
non woven bags
and complying with
environmental regulations.



WATER SOLUBLE FABRIC BAG

Water Soluble PVA
Non-Woven Fibers

Reusable
Multiple Times

Soluble
at 100C

Does not
Generate
Microplastics

Free of
PP or PE

Ultrasonic
Welded

Easy
to fold

Biodegradable
& Non Toxic

Extra
Strong



WATER SOLUBLE FILM BAG



VS

WATER SOLUBLE FABRIC BAG



- MADE OF POLYVINYL ALCOHOL (PVA) FILM
- SOLUBLE IN HOT WATER AT 70°C
- MODERATE RAIN RESISTANT
- THICKNESS FROM 25 TO 60 MICRONS
- TRANSPARENT – NATURAL COLOR
- BIODEGRADABLE – NON TOXIC FREE OF PP OR PE
- DOES NOT GENERATE MICROPLASTICS
- PRINTABLE

- MADE OF POLYVINYL ALCOHOL (PVA) FIBERS
- SOLUBLE IN HOT WATER AT 100°C
- HEAVY RAIN RESISTANT
- WEIGHT FROM 50-90G/M2
- WHITE COLOR
- BIODEGRADABLE – NON TOXIC FREE OF PP OR PE
- DOES NOT GENERATE MICROPLASTICS
- PRINTABLE



WATER SOLUBLE BAGS DIE CUT



WATER SOLUBLE BAGS T-SHIRT



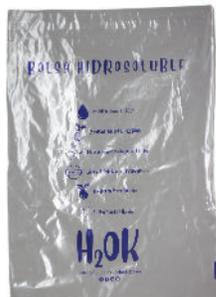
WATER SOLUBLE BAGS WITH ROPE



WATER SOLUBLE BAGS FLAT TYPE



WATER SOLUBLE BAGS WITH TIES



WATER SOLUBLE BAGS WITH SEALING FLAP



WATER SOLUBLE BAGS DIE CUT



WATER SOLUBLE BAGS WITH HANDLE

H2OK BAGS ADVANTAGES

H2OK HYDROSOLUBLE BAGS HAVE NUMEROUS ADVANTAGES NOT ONLY COMPARED TO TRADITIONAL PLASTIC BAGS (PP-PE) BUT ALSO TO COMPOSTABLE PLASTIC BAGS SINCE THEY DO NOT REQUIRE COMPOSTING.



SOLUBLE IN WATER

H2OK SOLUBLE BAGS DISSOLVE COMPLETELY WITHOUT LEAVING TRACES WHEN IMMERSSED IN HOT WATER AT MORE THAN 70 °C OR 100 °C.



BIODEGRADABLE

ONCE DISSOLVED IN WATER, H2OK WATER SOLUBLE BAGS BECOME H₂O, CO₂ AND BIOMASS DUE TO MICROORGANISM ACTION.



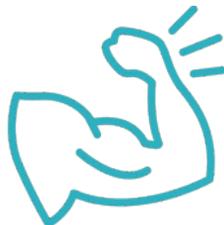
DOES NOT GENERATE MICROPLASTIC

ONCE-DISSOLVED, H2OK BAGS DO NOT GENERATE MICROPLASTICS, UNLIKE TRADITIONAL POLYETHYLENE (PE) OR POLYPROPYLENE (PP) BAGS.



RAINWATER RESISTANT

H2OK WATER SOLUBLE BAGS ARE SPECIALLY FORMULATED TO WITHSTAND MODERATE OR HEAVY RAINS.



EXTRA STRONG

H2OK WATER SOLUBLE BAGS ARE MADE WITH POLYVINYL ALCOHOL, WHICH HAS GREATER ELASTICITY THAN TRADITIONAL PLASTICS.



TRACEABILITY

H2OK WATER SOLUBLE BAGS ARE TRACEABLE, PROVIDING THE CUSTOMER WITH THE ASSURANCE OF USING 100% ORIGINAL AND ECO-FRIENDLY BAGS.



RECYCLABLE

H2OK WATER SOLUBLE BAGS CAN BE RECYCLED WITH OTHER BAGS OF THE SAME MATERIAL (POLYVINYL ALCOHOL)



ECO-FRIENDLY

H2OK BAGS DISSOLVE SLOWLY IN COLD WATER. THEREFORE THEY DO NOT HARM LIFE IN MARINE, LAKE, OR WATER ECOSYSTEMS.



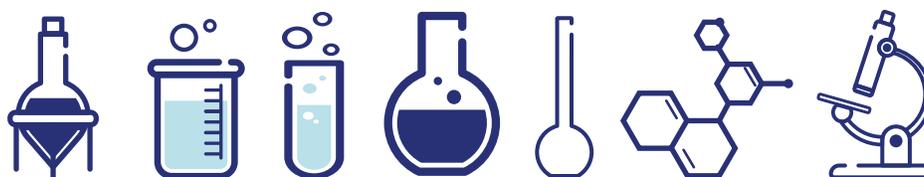
PP-PE FREE

H2OK WATER SOLUBLE BAGS ARE CERTIFIED POLYETHYLENE (PE) AND POLYPROPYLENE (PP)-FREE BY LMPE LABORATORY FROM ITALY.

H2OK – LMPE LABORATORY

THE ECOCOMPATIBLE POLYMERIC MATERIALS LABORATORY (LMPE) IS EUROPE'S LEADING LABORATORY IN THE DEVELOPMENT OF ECOLOGICAL POLYMERS.

THE LMPE IMPROVES FORMULATION AND CONTROLS THE TECHNICAL AND ENVIRONMENTAL ASPECTS OF H2OK BAGS. OUR H2OK WATER SOLUBLE BAGS HAVE BEEN DESIGNED IN ITALY ACCORDING TO STRICT EUROPEAN STANDARDS.



WWW.BOLSASHIDROSOLUBLES.COM



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