INFHIDROS
Innovaciones en Film Hidrosoluble

PRODUCT DESCRIPTION

INFHIDRO Water Soluble Bags **CBH-HOT** are crafted for isolating contaminated textiles in hospitals. Textiles are placed in the bags and then dropped directly in the laundry machine avoiding any contact. Bags get entirely dissolved during the laundry process without leaving any traces neither in the water neither in the textiles.

BASIC INFORMATION

Bag Type: PVA water soluble laundry bag with tie for isolating textiles in hospitals.
Film description: Hot water soluble.
Thickness: 20 µm.
Size: 660mm*880mm
Test Condition: Temp 25±3C° - Humidity 50%±10%

TECHNICAL DATA

DESCRIPTION

Tensile Strength (GB/T 13022-1991)	CD	36 Mpa
	MD	29 Mpa
Elongation (GB/3022)	CD	116%
	MD	217%
Solubility* * Test Conditions, water at 65C° agitated via magnetic stirrer with magnetic rod	Dispersion (sec.)	20
	Dissolution (sec.)	280
Tear Strength (QB/T1132-1900)	> 140N/mm	
Average Thickness	20.2 (microns)	
Thickness Tolerance	Positive +4 (microns) - Negative –3 (microns)	
Average Thickness Tolerance	±5 (%)	
Size Tolerance	Lenght ±15 (mm) - Width ±12 (mm)	
Loading Capacity	3.5Kg	
Sealing Strenght	No Rupture	
Appearance	Good	

STORAGE

Water Soluble Bags **CBH-HOT** should be stored in aerated place avoiding prolonged exposure to sunlight. Bags have a shelf life of 2 years provided the prescribed storage conditions are observed and the product is kept in its original package

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ENVIRONMENTAL COMPATIBILITY

Water Soluble Bags **CBH-HOT** do not posses contact or oral acute toxicity. Furthermore, **CBH-HOT** bags tend to biodegrade (conversion to carbon dioxide, water and cellular biomass) in water environment (industrial waste, river or marine surface waters) in relatively short times (weeks - months) in respect to the international standards normative (ISO 14851 and 14852, ASTM D5209) and European standard (EN 14047, EN 14048) about plastic materials biodegradation in water environment. In solid media (soil or compost) they do not interfere with microflora vitality and functionality and they undergo to a biodegradation process, even if with slower kinetic respect to water environments. In agriculture and nursery garden use, once solubilized, concurs to maintain soil structure, increasing the yield of cultivations.

DISCLAIMER

The information contained in this technical data sheet are derived from the best of our knowledge and experience being in our possess when this document was written.
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This data represents average properties obtained on commercial production lots and should not be considered guaranteed specifications. Last Revision 1/09/2025.

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