

Bolphane® BYO

Oxobiodegradable polyolefin heatshrink film

- Oxobiodegradable
- Excellent machinability on high-speed equipment
- High shrink requiring low energy



APPLICATIONS

➔ Bolphane® BYO is formulated to be entirely degradable in the environment. At the end of its useful life, it fragments itself and oxidises through the effect of light and heat. It becomes then assimilable by soil micro-organisms and eventually disappears, leaving only water, carbon dioxide and biomass.



➔ The technical characteristics of Bolphane® BYO ensure an outstanding result on manual machines as well as on high speed automatic equipment.

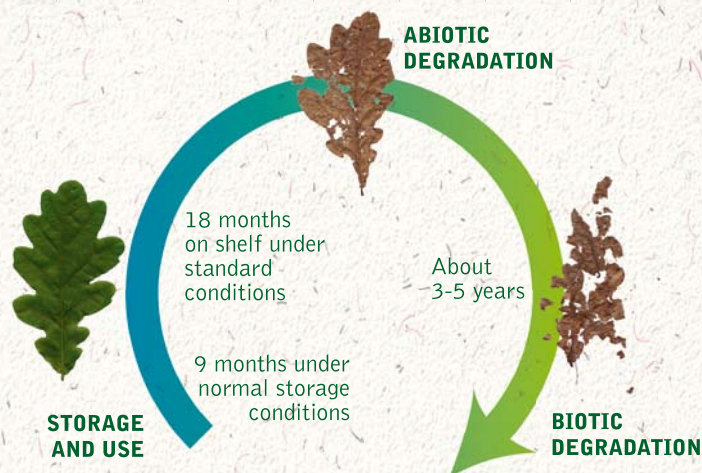


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OXOBIODEGRADABILITY

- Bolphane® BYO is 100 % degradable through the oxo-biodegradation process : fragmentation and oxidation, followed by a bio-assimilation phase.



TECHNICAL FEATURES

PROPERTIES	15 MICRONS	
Gloss (85 angle) in %	118	
Haze (%)	2,5	
Shrinkage (%)	at 93° C	30
	at 120° C	70
Seal strength (N/30 mm)	at 120° C	27
	at 150° C	60
Water steam permeability (g/m ² /24 h à 35° C -95 % RH)	20	
O ₂ Permeability (cm ³ /m ² /24h/bar)	13000	
Length of the roll (m)	Singlewound BYO-S	2670
	Centerfolded BYO-C	1335
Internal diameter (mm)	76,2	
External diameter (mm)	245	

STANDARD SIZES

- Bolphane® BYO is available Singlewound (BYO-S) or Centerfolded (BYO-C).

TYPE	AVAILABLES WIDTHS	WIDTH	SELLING UNIT
BYO-C	150-1000 mm by 10 mm increment	150 to 270 mm	24 rolls
		280 to 450 mm	24 rolls
		460 to 590 mm	12 rolls
		600 to 740 mm	12 rolls
		750 to 1000 mm	6 rolls
BYO-S	150-1400 mm by 10 mm increment	150 to 200 mm	48 rolls
		205 to 270 mm	36 rolls
		275 to 450 mm	24 rolls
		455 to 595 mm	12 rolls
		600 to 755 mm	12 rolls
		760 to 1400 mm	6 rolls

Information on options and range of thickness available on request.