



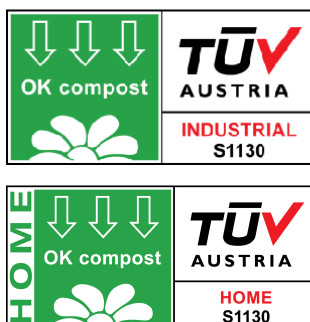
TECHNICAL DATA SHEET – BOWRAP STRETCH®

DESCRIPTION

Our 100% Bio-compostable Biowrap stretch® film patented by BioWrap and unique in Europe is a film available in a thickness ranging from 15 to 30 µm depending on your use. Specially designed for industry / our Biowrap Stretch® palletizing film is naturally transparent with very high stretchability and retention performance. Available in 300, 900, 1200 ML per roll in 50 and 76 internal core diameter.

CERTIFICATION

Compliant with the European EN 13432 and French NFT 51800 standard, the Biowrap stretch® film is certified by the TUV OK Compost and OK Home Compost label. Biowrap has its own TUV certification number which guarantees an authentic, controlled and approved procedure according to the legal standard of biodegradation and compostability in line with current laws.



TECHNICALS PROPERTIES

Values obtained for a thickness of 20 / 25 µm :

	Test method	Unit	average Value
Specific gravity	ISO 1183 at 23 °C	g/cm ³	1,22
Melting point	DSC (10°/min)	°C	110 - 120
Vicat Soft. temperature	ISO 306 (A/50)	°C	85
Tensile Strenght (MD/TD) *	ISO 527	MPa	20/25
Stress at break (MD/TD) *	ISO 527	%	325 / 450
Failure energy *	ISO 53373	J/mm	19
Coefficient of friction (static)	ASTM D1894	-	
- Film / film			2,8 – 3,5
- Film / metal			0,3 – 0,5

*: Depending on blowing conditions (BUR / TUR)



Barrier Properties

Values obtained for a thickness of 20 / 25 µm :

	Test method	Unit	Average Value
Oxygen	GPM500 LISSY (23 °C – 0 % RH)	L/(m ² .j.bar)	30
Nitrogen			6
Carbone Dioxide			4
Vapor Water	Mocon Permeatran (38 °C – 90% RH)	g/(m ² .j)	2400

Biowrap Stretch® exists for food application

certification and products on demand

Conditioning and storage

The transport and storage temperature must not exceed 60°C.

Max pallet weight: 800 kg approx. (the number of rolls per pallet will depend on the type of packaged reference - weight / reel).

The product must be stored away from humidity. The storage period should not exceed 24 months at room temperature (between 15 and 23°C).

Failure to follow these instructions may result in loss of properties and difficulties in use..

NOTE

All information provided is for guidance only and does not imply any legal obligation regarding the properties of the film and its suitability for a specific application. The end user will always be responsible for the suitability of the film for its intended end use and suitability for its own process.

