

Bolfresh®

BFF

Polyolefin antifog film

- High performance antifog properties
- Solid and easy sealing
- Excellent optics
- Recovery properties and impact resistance



APPLICATIONS

Bolfresh® BFF is the ideal film to optimize your customer presentation on food products submitted to temperature variations that create fogging problems.

Bolfresh® BFF is usually proving its antifog performances on produce and fruits but also on trayed products such as cheese, processed meat, poultry and ready meals.



Being part of Bolloré's range of exclusive multilayer technology films, **Bolfresh® BFF** benefits from excellent mechanical properties as well as outstanding machinability. The result is seen in its thin and solid sealing.

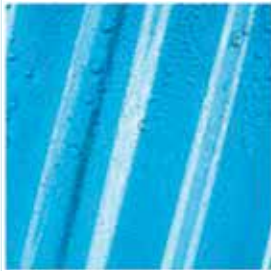
Bolfresh® BFF is available in a large range of thicknesses for the best adaptation to the products' requirements.

Pack & Protect



HIGH PERFORMANCE ANTIFOG PROPERTIES

Conventional polyolefin shrinkfilm



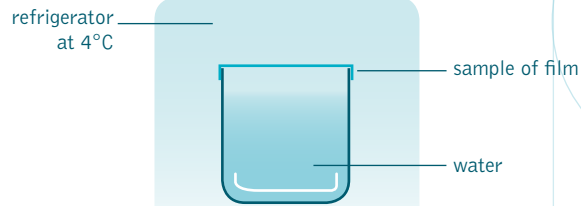
Opaque (or transparent) layer of large droplets

Bolfresh® BFF



Transparent film with no visible water

The "cold fog" test



Observation by visual controls at regular intervals on a 1 week period.

To the Bolfresh® outstanding performance can be added **Bolloré's secured manufacturing and quality standards:**



FOOD CONTACT COMPLIANCE

This Bolloré film complies with the applicable EC and USA regulations.

Full details (with the conditions of use) are given on the Declaration of Compliance for food contact (this document is available on request).



CERTIFICATIONS

Bolloré facility manufactures the packaging films according to the food safety standard BRC/IOP (British Retail Consortium, Institute of Packaging), as well as ISO 22000.



TRACEABILITY

Bolloré ensures the traceability of the materials and items manufactured at all production stages, including raw material, production and shipment.

TECHNICAL FEATURES

	11 microns	13 microns	15 microns	19 microns
Gloss (%)	115			
Haze (%)	3	3	3,5	3,5
Shrinkage (%)				
at 93°C	17			
at 120°C	75			
Seal strength (N/30 mm) at 190°C	21	23	25	27
Water steam permeability (g/m ² /24h at 38°C - 100 % RH)	30	26	23	18
O ₂ permeability (cm ³ /m ² /24h bar at 23°C 0% RH)	13 000	11 000	10 000	7 500
CO ₂ permeability (cm ³ /m ² /24h bar at 23°C 0% RH)	52 000	48 000	41 000	33 000
Roll length (m)				
Singlewound(S)	4 000	3 100	2 670	2 140
Centerfolded (C)	2 000	1 550	1 335	1 070
Internal diameter (en mm)	76,2			
External diameter (en mm)	245			

> **For more information, please contact our sales department.**

The technical features of the products defined herein are given for typical values. They are guides for the use of the quoted films and are not for use as limiting specification.

Users have to ensure that they are suitable for specific applications as performance may vary with processing conditions.

Properties and performance are subject to change and Bolloré keeps the right to modify the definition and properties of its products without prior notice.