



# Bolphane<sup>®</sup> BFF

Polyolefin antifog crosslinked film

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

## APPLICATIONS

➔ Bolphane<sup>®</sup> BFF is the ideal film to optimize your customer presentation on food products submitted to temperature variations that create fogging problems. BFF is usually proving its antifog performances on produce and fruits but also on trayed products such as cheese, processed meat, poultry, fish.



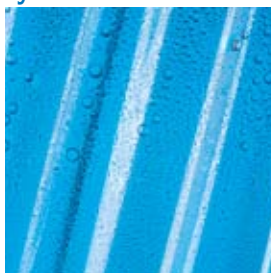
➔ Thanks to the Bolloré's exclusive crosslinking technology, BFF shows excellent mechanical properties as well as outstanding machinability where it demonstrates thin and solid sealing. BFF is available in a large range of thicknesses for the best adaptation to the products' requirements.

  
**Bolloré**

# Bolphane® BFF

## HIGH PERFORMANCE ANTIFOG PROPERTIES

Conventional  
polyolefin shrinkfilm



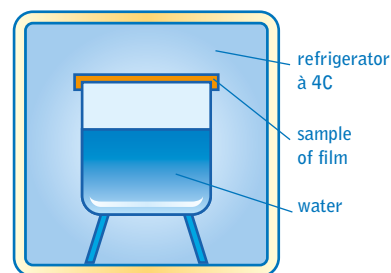
Opaque (or transparent) layer of large droplets

BFF



Transparent film with no visible water

The "cold fog" test



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

## TECHNICAL FEATURES

PROPERTIES	13 MICRONS	15 MICRONS	19 MICRONS
Gloss (85 angle) in %	115		
Haze (%)	3	3,5	4
Shrinkage (%)	at 93C		
	at 120C		
Seal strength (N/30 mm) at 190C	17		
	75		
Water steam permeability (g/m <sup>2</sup> /24hr at 35C-95% RH)	23	25	27
CO <sub>2</sub> Permeability (cm <sup>3</sup> /m <sup>2</sup> /24hr bar)	26	23	18
O <sub>2</sub> Permeability (cm <sup>3</sup> /m <sup>2</sup> /24hr bar)	48 000	41 000	33 000
Length of the roll (m)	11 000	9 500	7 500
	Singlewound (S)	3 100	2 670
Centrefolded (C)	1 550	1 335	1 070
Internal diameter (mm)	76,2		
External diameter (mm)	245		

## PRESENTATION

- Bolphane® BFF exists in singlewound (BFF-S) or centrefolded version (BFF-C). For any specific request or option available, please consult the commercial documentation.

The technical features of the products defined herein are given as typical values. They are guides for the use of the quoted films values and are not for use as limiting specification. Users have to check-up that they are suitable with all the 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.

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