



# Bolphane® BFF

Cross-linked antifog polyolefin shrink film

- **Excellent optics to maximize appearance.**
- **Helps preserve freshness and quality.**
- **Cross-linked for strength and toughness.**
- **Runs on a wide range of equipment.**

## APPLICATIONS

➔ Bolphane® BFF antifog shrink is the ideal film product for packaging products that are refrigerated to ensure quality. Examples include fresh fruits and vegetables, as well as a wide range of processed foods. The high performance antifog properties found in Bolphane® BFF produce packages with outstanding gloss and clarity for excellent retail shelf appeal. Shrink packaging provides consumer confidence due to product protection and cleanliness.

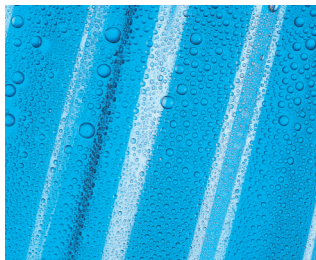


- ➔ Bolloré's exclusive cross-linking process provides Bolphane® BFF with a wide operating window which allows for use on a wide variety of shrink packaging equipment. Crosslinking also increases seal strength and impact resistance. Bolphane® BFF meets the U.S. FDA criteria for food contact.

# Bolphane® BFF

## HIGH PERFORMANCE ANTIFOG PROPERTIES

Conventional  
polyolefin shrinkfilm



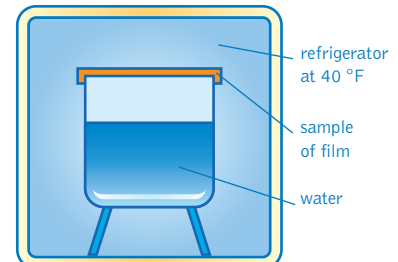
Opaque (or transparent) layer of large droplets

BFF



Transparent film with no visible water

The "cold fog" test



Observation at regular intervals over a one-week period.

## TECHNICAL FEATURES

PROPERTIES	60 GAUGE	
Yield (MSI/Lbs)	51	
Gloss (85 angle) %	11.5	
Haze (%)	3.5	
Free Shrink (%)	@ 200° F	17
	@ 250° F	75
Seal strength (g/inch)	@ 375° F	2100
WVTR (gms/100 sq.in./24 hrs.,95 °F,95 % RH)	1.5	
CO <sub>2</sub> Permeability (cc/m <sup>2</sup> /24hrs @ 73° F, 1 atm)	41000	
O <sub>2</sub> Permeability (cc/m <sup>2</sup> /24hrs @ 73° F, 1 atm)	9500	
Roll length (feet)	Singlewound (S)	8750
	Centerfold (C)	4375
Core internal diameter (inches)	3	
External diameter (inches)	9.5	

## PRESENTATION

Bolphane® BFF is available either singlewound (BFF-SW) or centerfold (BFF-CF). Please contact us for additional requirements.

TYPE	WIDTH (mm)		
	mini	maxi	increment
BFF-SW	6	78	1/4
BFF-CF	6	40	1