



A&O FilmPAC barrier film type

BC18-OPP-NG

Properties of BC18: Base film is clear OPP. A-side is PVDC coated, B-side is PVOH coated. It has excellent flavour and aroma barrier. Both WVTR and OTR are very good.

Typical applications of BC18: This film has outstanding oxygen and aroma barriers and excellent optical properties. The PVOH surface can be printed but not heat sealed. The PVDC surface is lap sealable to itself and to acrylic. This film is suitable for packing of nuts and for gas flush applications either unsupported or in lamination to PE or CPP.

Colour: Clear, natural

Surfaces: A-side glossy, B-side glossy

Available μ : 21, 25

Sample thickness: 21 μ

Typical laminating configuration: BC18//ink//adhesive//PE or CPP

Unsupported: OL//ink//BC18

Property	Unit	Test Standard	Data	
Density	g/cm ³	In-house	0.92	
Thickness	microns	In-house	21	25
Yield	m ² /kg	In-house	49.0	41.6
Unit weight	g/m ²	In-house	20.4	24.0
Tensile strength MD/TD	N/mm ²	ASTM D882	130/250	
Elongation MD/TD	%	ASTM D882	160/50	
Thermal shrinkage MD/TD	%	GB/T12026 120°C, 2 min	-2.0/-1.0	
Surface tension (PVDC side)	Dynes/cm	BB/T13022	40	
CoF factor PVDC/PVDC		ASTM D1894	0.25	
Haze	%	GB2410-80	2.3	2.5
Gloss (45°)	%	GB/T 8807	110	
OTR 23° C, 0% RH	cc/m ² x 24h	ASTM 3985	0.96	
WVTR 38° c, 90% RH	g/m ² x 24h	ASTM F 1249	3.7	3.4
Sealing temp. for 200g/25mm	°C	ASTM F88	t.b.a.	
Seal strength PVDC/PVDC	N/15mm	ASTM F88 127° C, 1 sec, 1.4bar	t.b.a.	

A&O FilmPAC is a film & resin supply company in the plastic film industry.
Our aim is to set the highest possible standard of

- **Product quality**
- **Product presentation**
- **Application know-how**
- **Application support**
- **Stocking policy**
- **Customer care**

CPP, OPP & OPA film. PLA & PET film and sheet. Coated, metallised & multi-layer barrier film.

People: We aim for harmonious relationships with employees, customers & suppliers

Innovation: We listen to customers' exact requirements and offer application-specific films

Quality: Our manufacturing partners are ISO 9001 certified.

Service: Keeping our promises and quick response to customers is our strength

A&O FilmPAC: Big enough to perform ~ Small enough to care

A&O FilmPAC Ltd

7 Osier Way, Olney, Bucks, MK46 5 FP, U.K. Tel +44 844 335 0886 Fax +44 1234 713 221

www.barrierfilms.eu www.bioresins.eu www.aandofilmpac.com E-mail: sales@aandofilmpac.com