



## A&O FilmPAC barrier film type

# BC04-OPP-NG

**Properties of BC04:** Core is OPP, A-side acrylic coating, B-side sealable PVDC coat, excellent water barrier, good oxygen barrier.

**Typical applications of BC04:** General packaging where good water barrier and average oxygen barrier properties are required. PVDC coating side is recommended for lamination. Acrylic side is excellent for printing and lap sealable to itself. It is recommended for laminated or unsupported packaging applications. Bakery products, biscuits, pet food, snacks.

**Colour:** Natural

**Surfaces:** A-side glossy, B-side glossy

**Available  $\mu$ :** 27, 32, 38

**Sample thickness:** 27, 32, 38 on request

**Typical laminating configuration:** BC04//ink//adhesive//PE or CPP or BC09 or BC10

**Alternatively:** BC04//ink//adhesive//BC04 or unsupported: Plain BC04, ink//BC04

Property	Unit	Test Standard	Data		
Thickness	$\mu$	GB/T 6672	27	32	38
Density	$\text{g/cm}^3$	-	0.92		
Yield	$\text{m}^2/\text{kg}$	-	37	34	28
Unit weight	$\text{g/m}^2$	ASTM D4321	27	29	36
Tensile strength MD / TD	MPa	ASTM D882A	130/250		
Elongation MD / TD	%	ASTM D882A	160/50		
Thermal shrinkage MD / TD	%	GB/T12026 120°C, 2 min	-2.0		
CoF factor AC/AC	-	ASTM D1894	0.25		
Surface tension	Dyne	ASTM D2578	t.b.a.		
Haze	%	GB2410-80	2.5	2.9	3.5
Gloss (45°) AC side	%	GB/ T 8807	93		
OTR 23° C, 0% RH	$\text{cc/m}^2 \times 24\text{h}$	ASTM 3958	45		
WVTR 38° C, 90% RH	$\text{g/m}^2 \times 24\text{h}$	ASTM F 1249	3.2	2.8	2.2
Seal strength PVDC/PVDC	N/15mm	ASTM F88 127° C, 0.75sec 1.4bar	4.2	4.4	4.7
Sealing temperature	°C	In-house for 200g/25mm	90		

**A&O FilmPAC is a resin & film 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 & sheet. Coated, metallised and 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**

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