

安姆科集团

江阴宝柏新型包装材料片材业务

Amcor China Tube Laminates





*We believe in responsible packaging.
We Passionately + Relentlessly apply art + science
to enhance the products people
use in everyday life —
today + tomorrow.*

我们以热情与坚持，结合艺术与科学
改善时下以及未来人们
在日常生活中所用到的产品



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安姆科全球

Amcor around the Globe

公司在全球包装领域处于领导地位，致力于生产和开发高质量可靠的包装方式。
我们的产品包括各类食品、饮料、药物、医疗器械及家庭个护包装。

We are a global leader in developing and producing high-quality, responsible packaging for a variety of food, beverage, pharmaceutical, medical-device, home & personal-care, and other products.

US \$13.4

销售额/BILLION ANNUAL SALES

250+

工厂/MANUFACTURING SITES WORLDWIDE

50,000+

员工/CO-WORKERS GLOBALLY

OPERATIONS ACROSS

40+

国家/COUNTRIES

73,000+

股东/SHAREHOLDERS

1860

始于：19世纪60年代/
BEGAN OPERATIONS IN



BEVERAGES



FOOD



HEALTHCARE



HOME CARE



PERSONAL CARE



PET CARE



TECHNICAL APPLICATIONS



安姆科中国片材业务

Amcor China Tube Laminates Overview

- 江阴宝柏是中国最专业,规模最大的片材供应商
Amcor China is the most professional and largest scale producer of tube laminates in China
- 20年以上片材生产以及运营管理经验
Over 20 years production and operation experience in tube laminates
- 吹膜生产线 BE & WH lines (3-9层膜); 挤复生产线 戴维斯标准
3-9 layers blown film on BE & WH lines Extrusion on David Standard Lines
- 出口5大洲,35个国家和地区
Export to 5 continents over 35 countries & regions
- 原料供应商包括杜邦,陶氏,埃克森,三星等
Resins supplied by Dupont, DOW, Exxon, Samsung etc.
- 符合欧盟,FDA相关法规要求
Document of Compliance can be provided for EU, FDA regulations
- 加急服务&全球技术支持
Urgent Service & Technical Support available from global brother companies

主要客户/Key & MNC





片材及配套产品介绍

*Tube Laminates and
Accessory Products Introduction*



铝塑复合片材

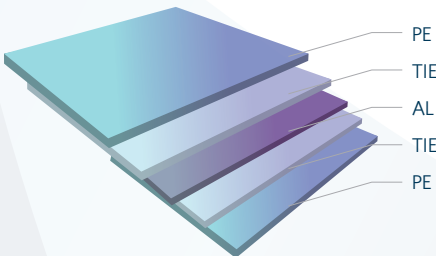
Aluminum Barrier Laminates (ABL)

特点/Key Properties

- 铝箔厚度9um-30um, 满足产品阻隔性及挺度要求
Aluminum foil thickness from 9um-30um to meet customized requirements on barrier property and stiffness
- 提供多种配方和结构供客户选择
Different recipes and structures available for choices
- 良好的材料机械性能
Good mechanical property
- 优异的阻隔性能
Excellent barrier property
- 应用: 牙膏管、化妆品管、药管、食品包装
Applications: toothpaste, cosmetics, ointments, food, etc



规格/Structure Options



ABL 200/9	white/silver (白/银)
ABL 200/9	white/silver (白/银)
ABL 200/12	white/silver (白/银)
ABL 220/9	white/silver (白/银)
ABL 220/12	white/silver (白/银)
ABL 250/12	white/silver (白/银)
ABL 265/16	white/silver (白/银)
ABL 272/12	white/silver (白/银)
ABL 275/20	white/silver (白/银)
ABL 275/30	white/silver (白/银)
ABL 380/9	silver high gloss (高亮银)
ABL 390/9	white/silver (白/银)

* 可增加EVOH来满足更高阻隔性需求

* EVOH can be additionally added to satisfy the requirement of higher barrier property



全塑复合片材

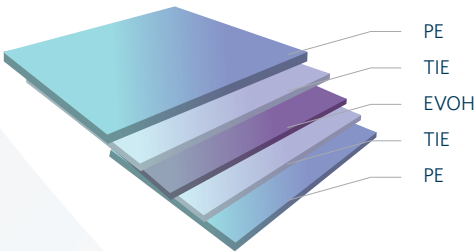
Plastic Barrier Laminates (PBL)

特点/Key Properties

- EVOH厚度0um-25um, 满足不同阻隔性需求
EVOH With 0um-25um to meet customized requirement on barrier property
- 多种配方和材料结构可选
Different recipes structures are available for choices
- 高挺度及高回弹性
Good stiffness & resilience
- 全塑片材赋予良好的可回收性
Compatible with recycling streams
- 应用:牙膏管、化妆品管
Applications: toothpaste, cosmetics, food, etc



规格/Structure Options



PPL 300/0	white/clear (白/透明)
PPL 350/0	white/clear (白/透明)
PBL 220/11	white/clear (白/透明)
PBL 250/15	white/clear (白/透明)
PBL 275/15	white/clear (白/透明)
PBL 300/5	white/clear (白/透明)
PBL 300/15	white/clear (白/透明)
PBL 300/25	white/clear (白/透明)
PBL 325/15	white/clear (白/透明)
PBL 350/15	white/clear (白/透明)
PBL 350/25	white/clear (白/透明)
PBL 400/15	white/clear (白/透明)
PBL 420/15	white/clear (白/透明)

* 其它颜色可定制

* Colors can be customized



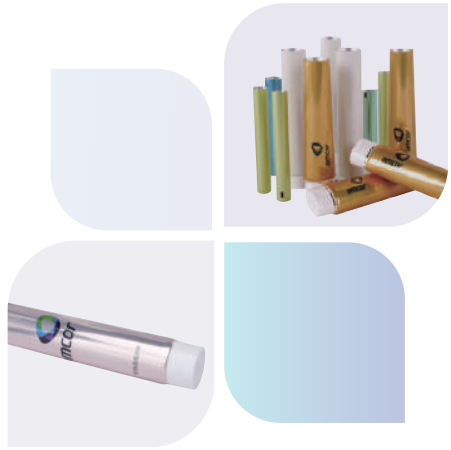
高亮复合片材

Metalized Laminates (AML & PML)

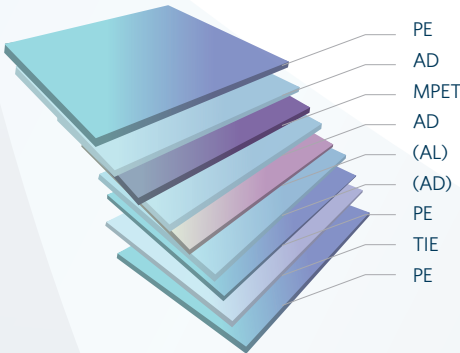
- * AML— 含铝高亮复合片材 / Aluminum Metalized Laminates
- * PML— 不含铝高亮复合片材 / Plastic Metalized Laminates

特点/Key Properties

- 综合应用干复、挤复工艺
Combining dry lamination with extrusion lamination process
- 优异的阻隔性能及镀铝PET的光学性能
Excellent barrier and optional properties of VMPET
- 应用: 化妆品管
Applications: cosmetics



规格/Structure Options



AML 275/9	white/silver high gloss (高亮白/银)
AML 320/9	white/silver high gloss (高亮白/银)
AML 360/9	white/silver high gloss (高亮白/银)
AML 390/9	white/silver high gloss (高亮白/银)
AML 430/9	white/silver high gloss (高亮白/银)
PML 320/0	white/silver high gloss (高亮白/银)
PML 360/0	white/silver high gloss (高亮白/银)
PML 390/0	white/silver high gloss (高亮白/银)
PML 420/0	white/silver high gloss (高亮白/银)
PML 300/15 EVOH	silver high gloss (高亮银)



嵌入式套管片材

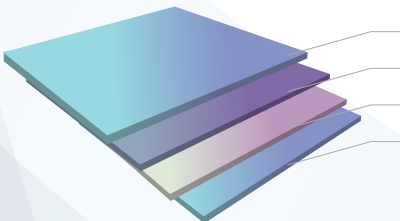
Embedded Laminates

特点/Key Properties

- 无边缝工艺带来优良外观的同时保有出色阻隔性能
No side seaming brings excellent appearance and good barrier property
- 材料可满版印刷
Fit for tubes with full version printing
- 有效延长化妆品货架期
Effectively extend the shelf life of cosmetics
- 应用: 化妆品管
Applications: cosmetics



规格/Structure Options



PE		
MPET/PET	175/12	silver (银)
AL		
PE	172/12	silver high gloss (高亮银)



里印复合片材

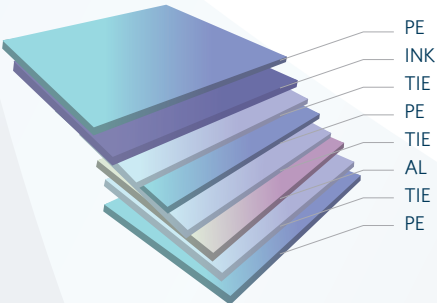
Reverse Printing Laminates

特点/Key Properties

- 铝箔厚度可选12μm-30μm, 满足不同阻隔性及挺度需求
Aluminum foil thickness from 12um-30um to meet customized requirements on barrier property and stiffness
- 多种配方和材料结构可选
Different recipes and structures are available for choices
- 良好的机械及阻隔性能
Good mechanical property
- 优异的阻隔性能
Excellent barrier property
- 应用: 牙膏, 食品, 药用软膏
Applications: toothpaste, food, ointments, etc



规格/Structure Options



ABL Reverse Printing 250/20	white (白)
ABL Reverse Printing 275/12	white (白)
ABL Reverse Printing 275/12	white (白)
ABL Reverse Printing 280/20	white (白)
ABL Reverse Printing 280/30	white (白)
ABL Reverse Printing 300/30	white (白)

- * 可增加EVOH来满足更高阻隔性需求
- * EVOH can be additionally added to satisfy the requirement of higher barrier property



封口膜

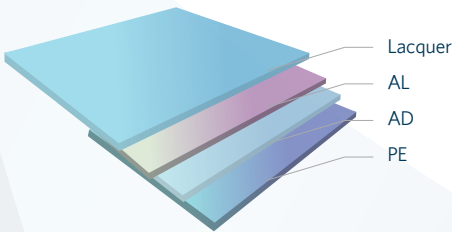
Top Seal

特点/Key Properties

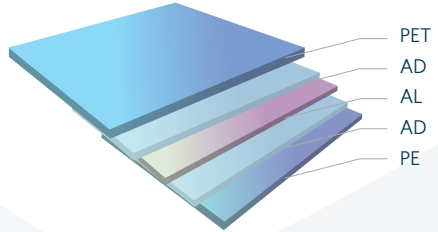
- 优异的阻水、阻氧、易剥离性能
Excellent anti-water/oxygen property, easy peel-off
- 能有效延长牙膏的货架期
Effectively extend the shelf life of toothpaste
- 热封窗口宽
Wide operation range for sealing
- 符合相关食品安全法规
Comply with food safety regulations



规格/Structure Options



Top seal 72/30 silver (银)



Top seal 97/30 silver (银)

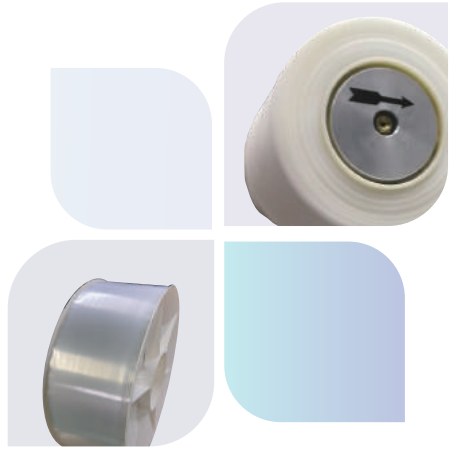


3P条

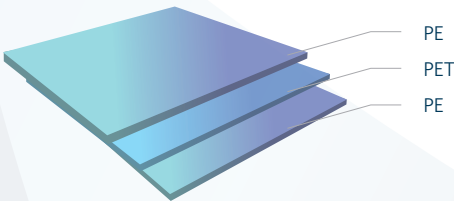
PPP Strips

特点/Key Properties

- 实现材料无缝焊接
Realize no-seam sealing for laminates
- 提高材料边缝抗跌落性
Effectively improve the sealing strength without breakage from side-seam



规格/Structure Options



PPP strips 80um (厚度80um)

*长度&宽度可根据客户需求定制

* width & length can be customized



更出色的包装

更美好的世界

Better Packaging,

Better World

安姆科的可持续发展战略

Sustainability at Amcor



安姆科的2025誓言

Amcor Made 2025 Pledge with Other Global Brands



2025年实现材料可回收/可重复使用。
Developed to be recyclable or reusable by 2025.



持续推动全球化材料可回收。
Drive consistently greater worldwide recycling.



显著提高材料可回收。
Significantly increase recycled materials.





片材可持续发展方案

Tube Laminates Sustainable Solutions

二氧化碳排放
GHG Emissions Intensity



“长期目标”截止到2030年二氧化碳排放量能够降低60%
Our long term goal is 60% by 2030

废物排放
Waste - to - disposal



“长期目标”实现零废物排放
Our long term goal is Zero waste to disposal

水资源管理
A Water Management Plan is in place at



“长期目标”不断的改善并提高用水效率
Our long term goal is to continue to improve efficiency of waster use



EVOH 阻隔层片材&薄膜/EVOH Barrier Laminates & Film

常规 PBL/Regular PBL

- PBL减薄/Downgauged thickness PBL
- 改良型EVOH, 阻隔性能更优/New grade EVOH with better barrier

EcoCare 一次成型薄膜/EcoCare One Step Blow Film

- 均一材质 PE/Mono-material PE
- 均一材质 PP/Mono-material PP



特殊阻隔层片材/Special Barrier Laminates

- PVA 阻隔层片材/PVA barrier Laminates
- Amlite 阻隔层片材/Amlite barrier Laminates
- VMPE 阻隔层片材/VMPE barrier Laminates



特殊外观片材/Special Appearance Laminates

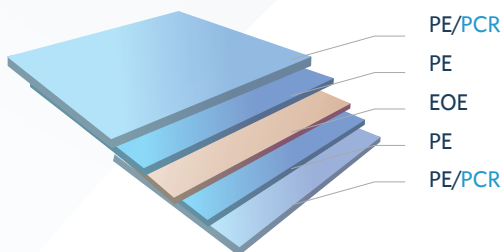
- 纸基片材/Paper-based laminates
- 无纺布片材/Fiber-based laminates



EVOH阻隔层片材 - 常规PBL

EVOH Barrier Laminates - Regular PBL

产品结构/Product Structure



碳排放降低5%,改善环境状况
5% Lower carbon emissions
Improved environmental profile

技术性能/Technical property

片材厚度/Laminates thickness:
220~250um

EVOH厚度/EVOH thickness:
5~15um

优势/Advantages

工艺成熟,加工性能稳定
Mature technology and stable processability

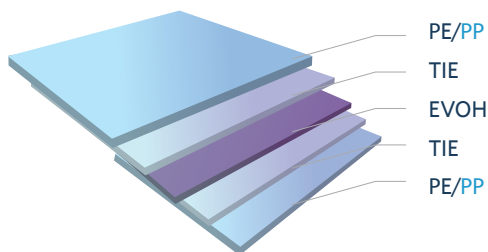
可选PCR粒料(HDPE)替代新料,减少新料的使用
PCR resin as optional resin to replace HDPE, reduce the usage of virgin resins



EVOH阻隔层薄膜 - EcoCare一次成型薄膜

EVOH Barrier Film - EcoCare One Step Blow Film

产品结构/Product Structure



HDPE粒料比例更高, 提高材料可回收性
More HDPE resin added for recyclable purpose

技术性能/Technical property

薄膜厚度/Film thickness:
200~280um

EVOH 厚度/EVOH thickness:
5~20um

优势/Advantages

可归入可回收体系: HDPE粒料类
Compatible with HDPE recycling Stream

一次成型吹膜产品, 减少加工过程浪费
One-step blow film, less processing cost

作为复合片材基膜使用, 片材厚度范围~400um
As raw material to be laminated to web, lamiantes thickness range ~400um

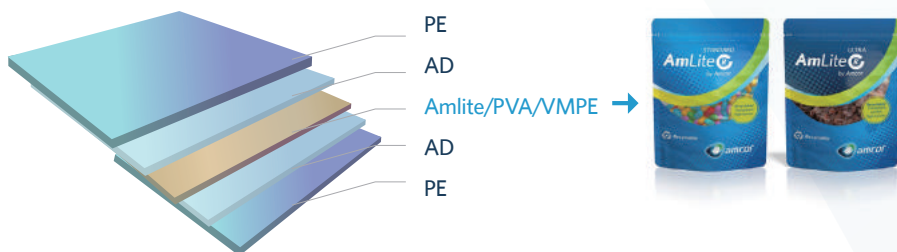
* 可供销售到特定区域
* Available for sales to certain regions



特殊阻隔层片材

Special Barrier Laminates

产品结构/Product Structure



技术性能/Technical property

片材厚度/Laminates thickness:
220~250um

阻隔层克重占片材总重 $\leq 1\%$
barrier layer wt% of the laminates $\leq 1\%$

优势/Advantages

优异的阻氧阻水性能
Excellent OTR & WVTR barrier property

Amlite为透明阻隔层材料, 成品管可见内容物(可选), 提升消费者喜好
Amlite: product visibility to increase likelihood of purchase by consumer

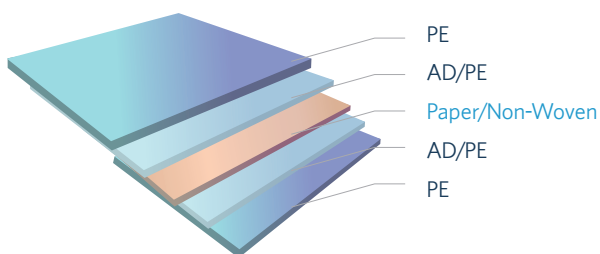
VMPE材料自带金属质感, 提升消费者喜好
VMPE provide a metalized appearance for customer attractiveness



特殊外观片材

Special Appearance Laminates

产品结构/Product Structure



技术性能/Technical property

片材厚度/Laminates thickness:
300~450um

可选增加EVOH阻隔层, 提高片材阻氧性能
EVOH can be added into laminates to improve
OTR property

优势/Advantages

可归入可回收体系—纸基类
Compatible with paper stream

特殊纸张/纤维外观, 提升客户喜好度
Consumer attractiveness with special paper/fiber appearance



安姆科公众号

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