

功 能 薄 膜 专 业 制 造 商
Professional PE Film Manufacturer



华龙PE膜
HUALO
PE FILM



华龙薄膜换算器



微信公众号



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江门市华龙膜材股份有限公司
Jiangmen Hualong Membrane Material Co., Ltd.



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历史 History

造优质薄膜，做百年华龙

To produce high quality PE film, to create a century enterprise

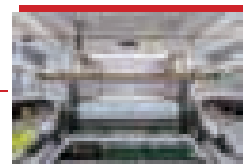
2022

通过GRS认证&ISCC认证



2021

DFR保护膜量产



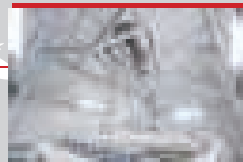
2020

华龙环保PE膜量产
单一材质复合
回收率可达100%



2019

高性能光学薄膜扩产



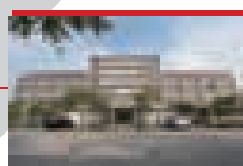
2018

高性能光学薄膜生产车间投产



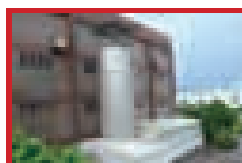
2017

成立江门市华龙膜材股份有限公司



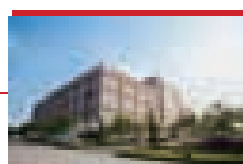
2015

中央供料系统&无尘车间



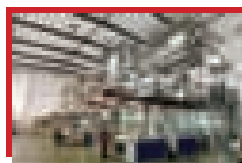
2000

华龙集团成立
PE膜销售额位居广东民营企业前列



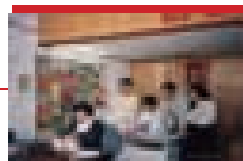
1996

设立PE
薄膜生产基地



1990

文英华先生创建华龙公司



华龙介绍

About Hualo Film



江门市华龙膜材股份有限公司是一家专业生产PE功能薄膜的高新技术股份制企业，具有丰富的薄膜制造经验，是国内名列前茅的PE薄膜制造商。

华龙膜材一直专注于研发、制造高品质PE功能薄膜，主要包括软包膜、保护膜、冷拉伸膜及特殊功能膜。其中，单一材质复合膜、DFR保护膜、自粘膜、冷拉伸膜等产品在行业内具有先进的技术与良好的口碑。

Jiangmen Hualong Membrane Co., Ltd. is a high-tech and professional PE film manufacturer with rich industry experience. It's in the top list of domestic PE film makers.

Hualong focus on high quality and functional PE film field for long time, the main products include flexible film, protective film, stretch hood film and many special function film. Among them, mono material laminated film (100% recyclable), DFR protective film self-adhesive protective film, stretch hood film possesses good reputation and market share in industry.

专利
技术
40⁺项

服务
客户
2000⁺家

功能
品类
60⁺种

年产量
5万⁺吨

愿景

做地球上最专业的薄膜制造企业

使命

为中国制造提供高品质薄膜

核心价值观

自律担当
稳健发展

专注专业
共创共享

生产及质量保证 Production and Quality

公司从国外引进大批先进生产设备与检测设备, 拥有高洁净车间, 按万级无尘标准设计与管理。
The company has introduced a number of advanced production and testing equipment from abroad.
High clean workshop which designed and managed by 10,000 grade dust free standard is available.



◀ 先进的生产设备 / Advanced production equipments



无尘车间/ Dust free workshop ▶

公司通过ISO9001、ISO14001、ISO45001、GRS认证、ISCC认证, 产品通过SGS检测, 符合FDA、RoHS、REACH法规。
The company has received ISO9001, ISO14001, IS45001, GRS, ISCC certification, the products passed SGS testing and comply with FDA, RoHS, REACH regulation.



研发与创新 Development and Innovation

研发创新是企业基业长青的保证。
Development and innovation are the assurance of Hualo Film's vitality.

华龙薄膜聚集多名高分子科学、工业制造、薄膜生产技术等领域精英, 多年以来孜孜不倦, 厚积薄发, 在配方、工艺、专利上成果丰硕。公司配套各类专业检测仪器, 并与知名高校、科研机构建立研发合作, 为企业提供强大技术支撑。
Hualo Film has a technical elite team majored in polymer science, industrial manufacturing and film production technology. After several years of development, Hualo Film has equipped many kinds of testing instruments and built a R&D center cooperated with a scientific research institution and a well-known college to provide strong technical supports on product formulations, production technique and proprietary technology.



公司引进多台高精尖仪器, 如雾度和透明度检测仪、落锤冲击检测仪、熔融指数检测仪、拉力检测仪、热封性检测仪、摩擦系数检测仪、高倍数显微镜、老化测试仪等, 建立起了行业领先的检测中心。
Hualo Film owns a top testing center with advanced test instruments such as GC detector, dart drop impact tester, melt index detector, tensile tester, heat seal tester, coefficient of friction tester, high-resolution microscope, aging oven, etc.



落锤冲击检测仪
Dart Drop Impact Tester



热封性检测仪
Heat Seal Tester



摩擦系数检测仪
Coefficient of Friction Tester



拉力检测仪
Tensile Tester



气相色谱仪
GC(gas chromatograph)



熔融指数测试
Melt Index Detector



奥林巴斯显微镜
High-resolution Microscope



老化测试装置
Aging Oven

单一材质复合膜

MDOPE Film

类别:明星产品



产品简介 / Introduction:

单一材质复合实现塑料包装回收是软包装行业的大趋势,是治理塑料污染、保护环境的重要解决方案。华龙膜材通过MDO技术生产的环保PE膜完全满足印刷、复合、制袋要求,同时又实现了回收利用。

Mono material lamination makes plastic bags recycling possible, it's big trend of flexible packaging industry and important solution for global environment protection. Hulo monosmart film made by MDO is no problem for printing, lamination and pouch making and can be 100% recycled.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 1200\text{mm}$
厚度范围: $25\sim 80\mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\mu\text{m}$

特性 / Features:

- 1.良好的刚性、透明性
Good stiffness, transparency
- 2.良好的耐温性
Good heat resistance
- 3.全PE复合结构,可100%回收利用
Full PE lamination structure, 100% recyclable
- 4.通过涂布PVA等阻隔材料,可实现良好的阻隔性
Achieves good barrier property by PVA

产品应用 / Applications:

适用于干果、意面、宠物食品、日用品等包装
For nuts, noodle, pets food, commodity packaging



PE易揭膜

Peelable PE Lidding Film

类别:明星产品



产品简介 / Introduction:

PE易揭膜(亦称为PE盖膜)通常由PET、纯铝等复合形成易揭材料,广泛应用于PE、PP、PC、PET、PS、PVC等材质容器的热封。

Peelable PE Lidding Film(Easy Peel PE Sealing Film) can be laminated with BOPET and aluminum foil for heat seal on containers made from PE, PP, PC, PET, PS, PVC etc.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\mu\text{m}$

特性 / Features:

- 1.封口安全,可以为产品保鲜,防止漏包
Safe & strong seal
- 2.封盖剥离无痕,为消费者带来惊喜
No residue after peel
- 3.热封窗口宽,有效提高包装效率
Wide operation window

产品应用 / Applications:

适用于各类材质的杯、盒、盘等容器的热封。
Applied to heat seal on cup, box and plate.



PE双向易撕膜

Easy Tear PE Film

Category: Star Products

类别: 明星产品



产品简介 / Introduction:

PE双向易撕膜广泛应用于各类食品、药品、化妆品包装,该类包装通常由BOPP哑光、PET、纯铝、PE易撕膜构成。众多知名面膜、高端安全套均采用此类包装,由于此类包装具有遮光、防潮、气密、阻隔等优异性能,因此用户体验和使用便利性极佳。

Easy tear PE film can be laminated with OPP film ,BOPET and aluminum foil to make packaging for food, medicine and cosmetic. Easy tear PE film's advantages of light blocking, damp proof, good air tightness and high barrier make it a better choice for high end facial mask and condom packaging.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\mu\text{m}$

特性 / Features:

- 1.优异的复合牢度
Good adhesion strength
- 2.较低的撕裂强度,制袋后纵横向都易于撕开
Low tear strength on both MD/TD directions
- 3.较低的起封温度, 适合高速自动包装
Low seal initiation temperature, satisfies high-speed packaging
- 4.较低的正己烷析出, 满足药品的卫生性能
Low N-Hexane separate out, meet medical products requirement

产品应用 / Applications:

适用于各种日用品、药品的独立包装。
Applied to medicine and daily necessities individual packaging.



PE药包膜

Drug packaging PE Film

Category: Star Products

类别: 明星产品



产品简介 / Introduction:

药品包装事关人的健康与生命,PE膜作为药品包装中直接接触药品的材料,其质量与性能特别重要。

Drug packaging is closely related to people's health and life. As the PE film material that directly contacts with drugs in drug packaging, PE film's quality and performance are particularly important.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\mu\text{m}$

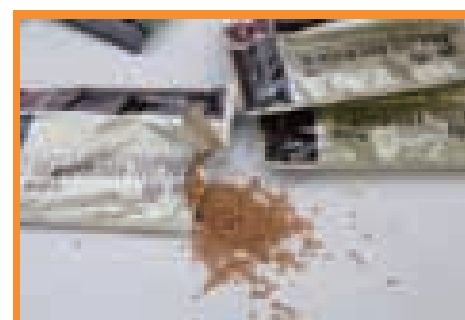
Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\mu\text{m}$

特性 / Features:

- 1.稳定的摩擦力, 适合高速自动包装
Stable friction, suitable for high speed automatic packaging
- 2.良好的抗粉尘污染能力
Good resistance to powder contamination
- 3.良好的热粘和热封强度
Good thermal adhesion and sealing strength
- 4.良好透明度和光泽度
Good transparency and gloss

产品应用 / Applications:

适用于粉剂包装袋、片剂包装复合袋、聚酯镀铝颗粒的药品包装。
Applied to powder, tablet and other drug packaging PE film.



PE低气味膜

PE Low Odor Film

Category: Star Products

类别:明星产品



产品简介 / Introduction:

部分内容物(如水、茶叶、母乳等)对气味特别敏感,要求直接接触内容物的PE膜气味越低越好。华龙膜材采用特殊配方与工艺生产的低气味膜,气味低,不影响内容物本来的气味。

Some contents (water, tea, breast milk, etc) is very sensitive to odor. The lower odor of film, the better condition of contents. Hulo low odor which produced by special formula and technology has few effects of contents' smell.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

- 1.较低的气味
Low odor
- 2.良好的复合牢度
Good lamination strength
- 3.较低的起封温度和较高的热封强度
Low initial sealing temperature and high sealing strength

产品应用 / Applications:

适用于茶叶、水、母乳、面膜等包装。
For tea, water, breast milk, facial mask packaging.

RCPP高温蒸煮膜

RCPP High Temperature Cooking Film

Category: Star Products

类别:明星产品



产品简介 / Introduction:

用耐高温蒸煮膜包装的食物经过短时间高温(135度)蒸煮,既能够灭菌消毒,又可以最大限度保持原有的风味。耐高温蒸煮膜满足了人们对食品安全与风味的双重需求。

Food packed by RCPP could be steamed(135°C). This solution kills bacteria and keep food original favor.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

- 1.耐135度高温
135°C steaming
- 2.良好的抗污染热封性能
Good anti-pollution sealing performance
- 3.良好的热封强度,不漏包
Good sealing strength, prevent leaking

产品应用 / Applications:

适用于预制菜板栗、玉米、红薯等食品包装
For preformed food, chestnut, corn, sweet potato, etc. food packaging



PE耐介质液体膜

PE Film for medium-resistance liquid packing

产品简介 / Introduction:

各类介质(酸、碱、辛辣、乳油等)物质对包装材料有特殊要求,需要直接接触这些介质的PE膜有良好的抗腐蚀、抗穿刺、抗污染热封性能。

Medium (sour, base, spicy food, pesticide, etc.) has special request for packaging. The PE film should has good anti-corrosion, anti-puncture, anti-pollution sealing performance.



参数 / parameter:

颜色: 透明与奶白
宽度范围: ≤2100mm
厚度范围: 25~180 μm

Color: Transparent / Milky
Width: ≤2100 mm
Thickness: 25~180 μm



特性 / Features:

- 1.良好的抗腐蚀性
Good anti-corrosion performance
- 2.良好的抗穿刺性能
Good anti-puncture performance
- 3.良好的抗污染热封性能与较高的热封强度
Good anti-pollution sealing performance and high sealing strength

产品应用 / Applications:

适用于酒精、染发剂、消毒水、农药乳油等包装。
For alcohol, hair dye, disinfectant water, pesticide packing.



PE轻封包装膜

Light Seal PE Film

类别: 软包膜

产品简介 / Introduction:

PE轻封包装膜是PE易撕膜、易揭膜的分支产品,常用于食品、医药包装。这类包装通常由PET、尼龙、PET镀铝、PE膜复合而成,具有保鲜、易用、低气味、封口易剥离等优点,大大提升了用户体验。

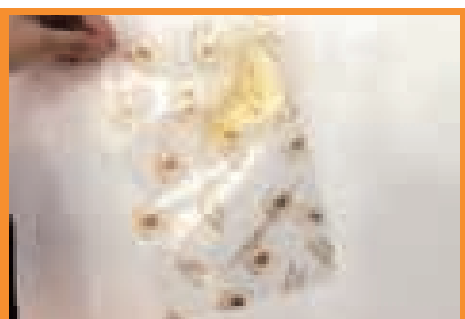
After lamination with BOPET, BOPA and VMPET substrates, Low Seal PE Film (a type of peelable PE films) is commonly used in food, medical packaging, which provides good barrier, low odor easy peel and better user experience.



参数 / parameter:

颜色: 透明与奶白
宽度范围: ≤2100mm
厚度范围: 25~180 μm

Color: Transparent / Milky
Width: ≤2100 mm
Thickness: 25~180 μm



特性 / Features:

- 1.较低的封口强度,封口易于剥离
Low heat seal strength, easy to peel
- 2.剥离后无残留、无拉丝,方便卫生
No residue after peel

产品应用 / Applications:

适用于咖啡袋、医疗用品袋及各类食品包装。
Applied to packaging for coffee, pharmaceuticals and food.



产品简介 / Introduction:

牙膏软管通常由纯铝、PE膜复合而成，具有保香、强高度等优点。

PE film can be laminated with aluminum foil to make toothpaste tube, which owns advantages of high intensity, fragrance preserving, etc.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\text{ }\mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\text{ }\mu\text{m}$

特性 / Features:

1. 优异的印刷适应性
Good printability
2. 优异的耐环境应力开裂性
Environmental stress crack resistance (ESCR)
3. 优异的光泽度、挺度、韧性及耐穿刺性
Excellent gloss, stiffness, toughness and puncture resistance
4. 卓越的热封性能，满足软管高频封合的要求
Excellent sealability
5. 较低的香味吸收性，较高的保香性
Lower absorption of fragrance

产品应用 / Applications:

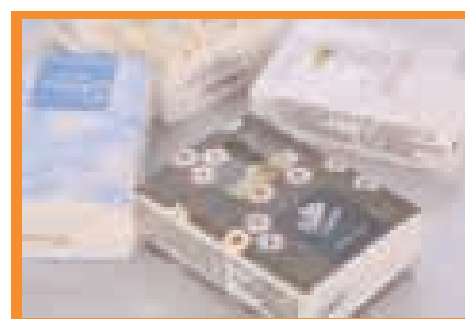
适用于牙膏、化妆品等各种软管复合包装。
Applied to toothpaste and cosmetics packaging.



产品简介 / Introduction:

PE哑光膜(亦称为消光膜、亚光膜)，根据PE膜表面光泽度大致可分为3类，一般光泽度大于70%称为光泽制品，小于15%的称为消光制品，其余统称为哑光制品。哑光包装通常由哑光PE膜、透明PE膜、奶白PE膜等复合而成，亦有直接在PE哑光膜上表印后用于高速自动包装(如各类纸手帕产品)。

Generally, PE film can be categorized as Glossy film (gloss $>70\%$), Matte Film ($70\%>\text{gloss}>15\%$) and Dull film ($15\%>\text{gloss}$). A matte film structure could be lamination of dull film, transparent film and milky film; or be directly applied surface printing. The ending-use application is for high-speed automatic packaging lines(such as tissue products).



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\text{ }\mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\text{ mm}$
Thickness: $25\sim 180\text{ }\mu\text{m}$

特性 / Features:

1. 表面哑光，印刷及视觉效果极佳
Good printability
2. 优异的刚性与物理性能
Excellent stiffness and mechanical property
3. 优异的热封强度和更宽的热封范围
Excellent heat seal strength, wider operation window

产品应用 / Applications:

适用于卫生巾、纸尿裤的外包装、精品购物袋等。
Applied to sanitary towel and paper diaper packaging, high quality shopping bags.



PE液体膜

PE Film for liquid packaging

类别: 软包膜

产品简介 / Introduction:

PE液体膜主要应用于普通液体（牛奶、果汁等）包装，这类包装一般由PET、尼龙、PE膜复合构成。经过多年发展，PE液体膜在液体立袋、吸嘴自立袋、小包装洗衣液袋上得到广泛应用。

PE film laminated with BOPET, BOPA is typical structure for liquid packaging (milk, juice), widely accepted in spout bag, stand-up pouch and detergent packaging.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

- 1.良好的复合牢度
Good adhesion strength
- 2.优异的抗污染热封性
Excellent seal through contamination
- 3.卓越的热粘及热封强度
Excellent hot tack force and heat seal strength

产品应用 / Applications:

适用于果汁、牛奶、洗手液等液体类包装。
Applied to liquid packaging for juice, milk and hand sanitizer.



PE粉剂包装膜

PE Film for Powder Packaging

类别: 软包膜

产品简介 / Introduction:

PE粉剂包装膜应用于化工、食品、医药等行业的粉末物料自动包装，该类包装通常由PET、PET镀铝、PE膜复合而成，能很好的解决包装袋封口不严、漏包等问题。

PE film laminated with BOPET, VMPET is widely used in FFS packaging for powders such as chemicals, food and medical products. It overcomes packaging issues like weak seal or leaking bag.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

- 1.优异的抗粉剂污染能力
Good chemical resistance
- 2.良好的热粘和热封强度
Excellent hot tack force and heat seal strength
- 3.良好的透明度和光泽度
High transparency and gloss

产品应用 / Applications:

适用于米粉、奶粉、淀粉等粉剂包装。
Applied to powder packaging for flour milk powder, starch and others.



PE双面热封膜

Lap-seal PE Film

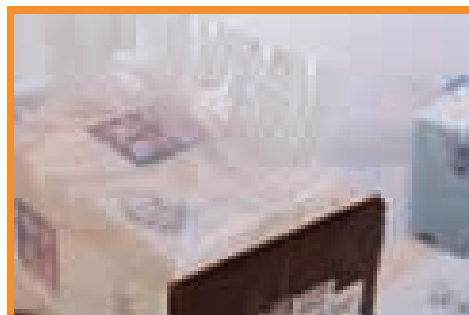
Category: Laminated Film

类别: 软包膜

产品简介 / Introduction:

PE双面热封膜在日用品、纸巾包装等行业应用最为广泛。这类包装袋通常是将PE双面热封膜印刷后，叉边制袋而成。印刷版面更宽，便于企业进行包装设计创新。

Lap-seal PE Film is mostly used in daily necessities and tissue packaging. It provides sealability with surface print and gussets. Which allow high flexibility on printing design with the same film width.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

1. 优异的电晕面热封性能，比非电晕面更低的热封温度。
Excellent sealability on corona surface with lower heat-sealing temperature than on non-corona surface.
2. 优异的印刷适应性，效果更加精美
Good printability
3. 卓越的焊边稳定性，防止破包
Stable heat seal strength to prevent loose packs

产品应用 / Applications:

适用于纸巾、卫生巾、纸尿裤等风琴包装。
Applied to tissue, sanitary towel and paper diaper packaging.



PE米袋膜

PE film for rice bags

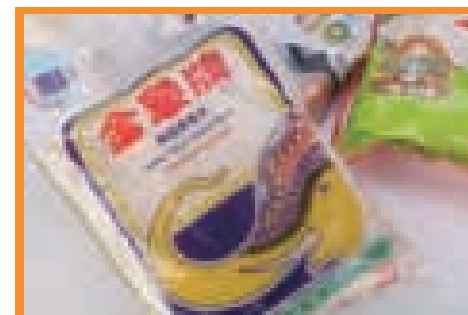
Category: Laminated Film

类别: 软包膜

产品简介 / Introduction:

PE米袋膜主要应用于5~20KG的粮食包装，该类包装需要耐穿刺、高承重、抽真空，通常由PET、尼龙、PE等复合制成，具有密封性好、不易破包的优点，有利于延长内容物保质期。

PE film can be laminated with BOPET, BOPA to build the packaging structure for grain and other agricultural products (normally 5~20 Kg bag). It provides high packaging integrity, less leakage which attributes to a longer shelf-life.



参数 / parameter:

颜色: 透明与奶白
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

1. 优异的复合强度、韧性、抗穿刺性及柔软性
Excellent adhesion strength, toughness, puncture resistance and softness
2. 卓越的热粘及低温热封性
Excellent hot tack force and low temperature heat seal strength
3. 良好的耐低温储存性
Longer shelf-life under low temperature
4. 优异的透明度和光泽度
Good transparency and gloss

产品应用 / Applications:

适用于5~20公斤粮食类包装。
Applied to 5~20 Kg grain packaging.



环保餐盒膜

Film for environmental food container

Category: Laminated Film

类别: 软包膜

产品简介 / Introduction:

甘蔗渣、秸秆、竹子等植物纤维制成的餐盒易于降解, 但阻油阻水性不好。使用真空吸附工艺让环保餐盒膜紧贴在这种餐盒表面, 可以实现良好的阻油阻水性能, 又便于回收降解。

Environmental food container is made of bagasse, straw, bamboo, etc. Covered by the special PE film through vacuum adsorption process, this kind of food container has good barrier performance for cooking oil, spicy food, water, etc., The container could be collected and degraded.



参数 / parameter:

颜色: 透明

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky / Blue / Green and etc.

Width: $\leq 2100\ \text{mm}$

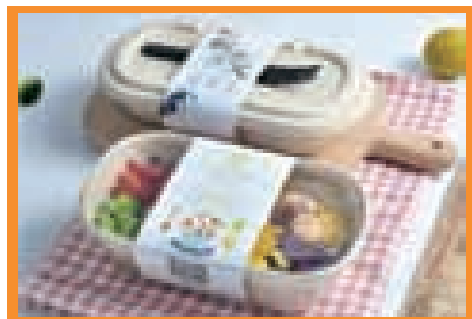
Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

1. 良好的吸附热合性能
Good adsorption, heat sealing performance
2. 耐121°热油, 阻油阻水性好。
Good resistance for oil (121°C) and water
3. 可微波炉加热、冰箱冷冻, 适合冷链运输
Suitable for microwave heating, freezing, cold-chain transportation
4. 可配套易揭盖膜使用, 提高适用性
Achieve more applicability used with lidding film

产品应用 / Applications:

适用于甘蔗渣、秸秆、竹子等植物纤维制成的餐盒或者环保纸浆餐盒, 这类餐盒广泛用于飞机餐、高铁餐、健身餐、外卖等。
For food container made of bagasse, straw, bamboo, pulp, this kind of contains are used widely in airline meal, high speed rail meal, fitness meal, takeaways, etc.



PE耐寒膜

Category: Laminated Film

类别: 软包膜

Low Temperature Resistance PE Film

产品简介 / Introduction:

PE耐寒膜应用于各类高端日用品、化妆品的液体包装, 该类包装通常由PET、尼龙、PE复合而成, 具有耐寒、高强度、抗穿刺、密封性好等优点, 已成为高端日化用品软包装的首选, 尤其在高端洗衣液包装上表现卓越。PE耐寒膜实现了耐寒与柔软的完美平衡, 体现了江门华龙强大的研发与创新能力。

Low Temperature Resistance PE Film can be laminated with BOPET, BOPA substrates to provide high toughness, strength and sealing integrity under low temperature, and to satisfy the packaging for high-end cosmetics and detergent. The balance between low temperature resistance and softness well demonstrates Hualo Packing's technology innovation.



参数 / parameter:

颜色: 透明与奶白

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky

Width: $\leq 2100\ \text{mm}$

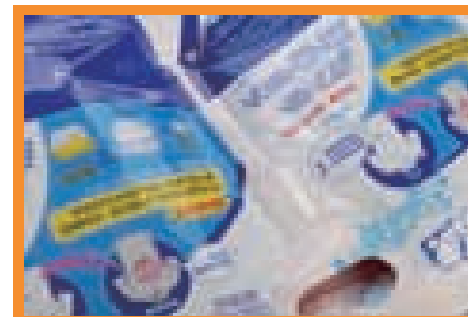
Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

1. 优异的复合强度
High adhesion strength
2. 优异的韧性、柔软性及耐穿刺性
Good toughness, softness and puncture resistance
3. 优异的热粘强度及热封强度
Excellent hot tack force and heat seal strength
4. 优异的耐低温性能, 满足低温储存需求
Low temperature resistance, provides longer shelf-life

产品应用 / Applications:

适用于洗衣液、洗手液等高端日化用品包装。
Applied to high-end liquid laundry detergent and hand sanitizer packaging.



PE薯片膜

PE Film for Snacks Packaging

类别: 软包膜

产品简介 / Introduction:

PE薯片膜应用于各类薯片、虾条等膨化食品包装, 该类包装通常由PET、PET镀铝、PE膜等材料复合而成, 其中对内层PE材料要求较高, 在保证包装密封性前提下, 还要保持低气味, 不能影响产品本身风味。

PE film can be laminated with BOPET and VMPET to make snacks packaging. As the inner layer, PE film meets the requirements of excellent air-tightness as well as low odor to keep the snacks original taste.



参数 / parameter:

颜色: 透明与奶白

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky

Width: $\leq 2100\ \text{mm}$

Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

- 1.良好的韧性及耐穿刺性
Good toughness and puncture resistance
- 2.较低的气味, 保证了食品原有的风味
Low odor to keep snacks original taste
- 3.卓越的热粘、热封强度和较低的起封温度
Excellent heat seal strength and low seal initiation temperature

产品应用 / Applications:

适用于各类膨化食品包装。
Applied to snacks packaging.

PE耐高温水煮膜

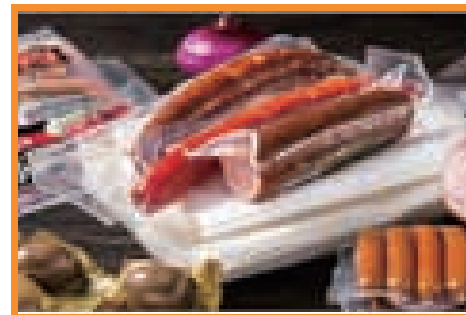
PE Film for Retort Pouch

类别: 软包膜

产品简介 / Introduction:

PE耐高温水煮膜应用于 110°C 以下水煮袋或煮沸袋, 这类包装常见的复合结构为PET、尼龙、纯铝、PE组成, 在乌冬面、牛奶、莲蓉、熟食等包装中尤为常见。

PE retort bag ($<110^{\circ}\text{C}$) can be a lamination of PE film with BOPET, BOPA and AL foil, which is commonly used in packaging for noodle, milk, lotus paste, cooked food and etc.



参数 / parameter:

颜色: 透明与奶白

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky

Width: $\leq 2100\ \text{mm}$

Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

- 1.卓越的复合强度
High adhesion strength
- 2.卓越的热封强度
Excellent heat seal strength
- 3.优异的挺度及韧性
Good stiffness and toughness
- 4.良好的耐热性
High temperature resistance($<110^{\circ}\text{C}$)

产品应用 / Applications:

适用于奶类、肉类等食品包装, 耐 110°C 以下水煮或蒸煮。
Applied to retort pouch($<110^{\circ}\text{C}$) for meat and milk.

121°C CPE耐高温蒸煮膜
121°C CPE

类别: 软包膜

产品简介 / Introduction:
CPE耐高温蒸煮膜应用于蒸煮袋, 这类包装耐121°C高温蒸煮, 耐寒性良好, 适合北方地区或低温地区使用。

121°C CPE is applied for retort pouch(121°C) with good cold tolerance, it is suitable for using in north China or in regions with cold climates.



参数 / parameter:

颜色: 透明
宽度范围: ≤ 1500mm
厚度范围: 30~160 μm

Color: Transparent
Width: ≤ 1500 mm
Thickness: 30~160 μm

特性 / Features:

- 1.耐121°C高温
OK for 121°C cooking
- 2.优异的韧性、柔软性及耐穿刺性
Good toughness, flexibility, anti-puncture
- 3.优异的透明度
Good transparency

产品应用 / Applications:

保健品、预制菜、肉类等食品包装
Packaging of health product, preformed food, meal, etc.



121°C CPP高温蒸煮膜
121°C CPP

类别: 软包膜

产品简介 / Introduction:
121°C蒸煮, 既能够灭菌消毒, 又可以最大程度保持食物原有风味。这类包装典型复合结构为BOPET/纯铝/BOPP, 常用于宠物食品、熟食等包装。

121°C cooking keeps original taste of food with sterilization. The typical lamination structure of this kind of packaging is BOPET/AL/BOPP, it's often used for pet food and cooked food packaging.



参数 / parameter:

颜色: 透明
宽度范围: ≤ 1500mm
厚度范围: 30~160 μm

Color: Transparent
Width: ≤ 1500 mm
Thickness: 30~160 μm

特性 / Features:

- 1.耐121°C高温
OK for 121°C cooking
- 2 良好的抗污染热封性能
Good anti-pollution sealing performance
- 3.优异的透明度和较低的起封温度
Good transparency and low seal initiation temperature

产品应用 / Applications:

预制菜、宠物食品、熟食等包装
Packaging of preformed food, pet food, cooked food, etc.



GRS认证再生膜

Renewable PE film by GRS

Category: PE Film for Lamination

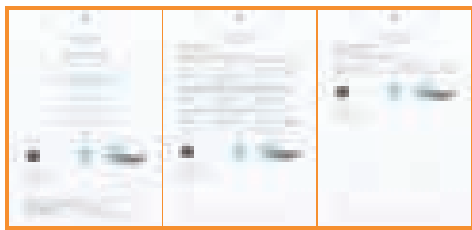
类别: 软包膜

产品简介 / Introduction:

GRS (Global Recycled Standard) 即全球回收标准, 是一项国际、自愿和全面的产品标准, 目标是增加产品中回收材料的使用, 并减少/消除其生产所造成的危害。

华龙PE膜满足GRS认证要求, 能为客户开具规范、准确的交易证书(TC)。

GRS(Global Recycled Standard) certificate aims to increase recycled material application and decrease hazards of production.
Hualong PE film could provide accurate TC(transaction certificate).



参数 / parameter:

颜色: 透明

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent

Width: $\leq 2100\ \text{mm}$

Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

- 按客户要求配置再生料比例, 从30%、50%到100%
Renewable resin ration by customer's demand, from 30%, 50% to 100%.
- 及时、准确提供交易证书(TC)
TC released in time and accurate.
- 帮助客户获得欧盟日益增加的环保包装订单
Help customers win the environmental packaging order from EU
- 提供既满足GRS认证又具有特定功能的PE膜
Provide functional PE film with GRS.

产品应用 / Applications:

适用于普通包装袋、家具外包装、热缩膜、复合包装
Applied to commodity packaging, packaging for furniture, heat shrink film and laminated packaging.



冷拉伸套管膜

Stretch Hood PE Film

Category: Stretch Hood Film

类别: PE冷缩膜

产品简介 / Introduction:

冷拉伸套管膜主要用于家电、化工产品、建材等包装。相对于传统的瓦楞纸包装具有环保、安全、能耗少、成本低等优点。这种包装在欧美发达国家已经得到广泛应用, 目前国内市场正处于稳步增长阶段。冷拉伸套管膜通过套袋机将其四个角拉开, 由上至下套进被保护的产品, 可实现全程自动化包装。

Compared to the traditional wrapping technology, Stretch Hood PE Film is a safer solution with higher sustainability, lower cost and energy consumption. It's widely used in packaging for white appliances, chemicals and construction materials. During the automatic process, the film is stretched on both directions from the four corners by an automated hood machine, then covers the goods from top to bottom.



参数 / parameter:

颜色: 透明与奶白

宽度范围: $\leq 2100\text{mm}$

厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky

Width: $\leq 2100\ \text{mm}$

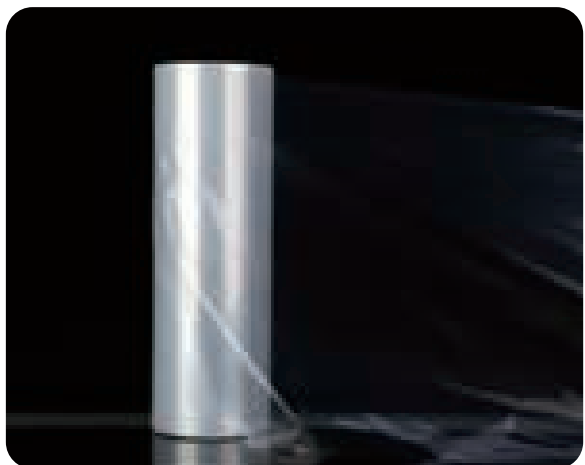
Thickness: $25\sim 180\ \mu\text{m}$

特性 / Features:

- 优异的回弹力, 高夹持力确保负载稳定
High elastic recovery and holding force
- 优异的韧性、抗穿刺及耐撕裂性
Excellent toughness, puncture and tear resistance
- 良好的透明度, 利于内容物条码扫描
Good transparency for bar-code scanning
- 高、低温环境下均能保持卓越性能
Adaptable to both high and low temperature

产品应用 / Applications:

适用于石化、家电、建材、农业等产品包装。
Applied to packaging for petrochemical, home appliance, construction materials and agricultural products.



PE保护膜(涂布基材)

PE Protective Film (Coated Substrate)

产品简介 / Introduction:

PE保护膜（涂布基材）是粘性PE保护膜的主要原料，厂家可把客户LOGO印刷至基材之上，达到展示品牌效果。只有具备耐高温、平整度好、晶点少等良好性能的涂布基材才能满足下游工序需要。

PE Protective Film (coated substrate) is main raw material of adhesive protective PE film. Company logo can be added on the substrate to meet clients' need. It provides high temperature resistance, fine winding flatness and less gel content to satisfy downstream application.



参数 / parameter:

颜色: 透明、奶白、蓝色、绿色等
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky / Blue / Green and etc.
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$



特性 / Features:

1. 较低的晶点，剥离力变化小
Less gel content, stable peeling force
2. 易于贴附和剥离，剥离不留白雾
Easy adhesion and peeling, no residue after peel
3. 良好的抗静电性，防止静电损伤电子零部件
Good anti-static performance



产品应用 / Applications:

适用于不锈钢板、铝板、亚克力板、仪表、高光塑胶、玻璃盖板、偏光板、屏幕玻璃、ITO玻璃、背光板过程或表面保护、电脑屏幕等制程与出货保护。
It is suitable for stainless steel plate, aluminum plate, acrylic plate, instrument, high-gloss plastic, glass cover, polarizing plate, screen glass, ITO glass, backlightplate process or surface protection, computer screen and other process and shipment protection.

PE微晶点膜

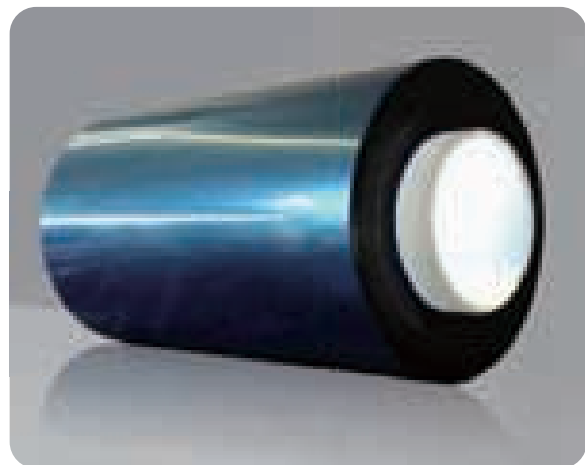
Optical PE Protective Film

Category: Protective Film
类别: PE 保护膜

产品简介 / Introduction:

PE微晶点膜主要用于精密电子原件的表面保护，该产品对生产加工环境要求非常严格，要在GMP无尘车间生产，以保证薄膜的洁净度，其次要严格控制透明度、晶点、热收缩率等各项理化指标以确保品质稳定。

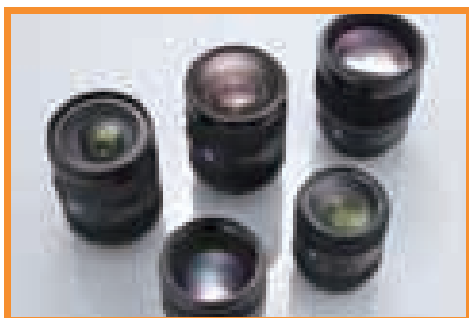
Optical PE Protective Film needs to be produced in GMP dust-free plant to guarantee its purity, in order to protect fine electronic components. It also requires extremely high control on film clarity, gel content, shrinkability and other properties to realize quality consistence.



参数 / parameter:

颜色: 透明、奶白、蓝色、绿色等
宽度范围: $\leq 2100\text{mm}$
厚度范围: $25\sim 180\ \mu\text{m}$

Color: Transparent / Milky / Blue / Green and etc.
Width: $\leq 2100\ \text{mm}$
Thickness: $25\sim 180\ \mu\text{m}$

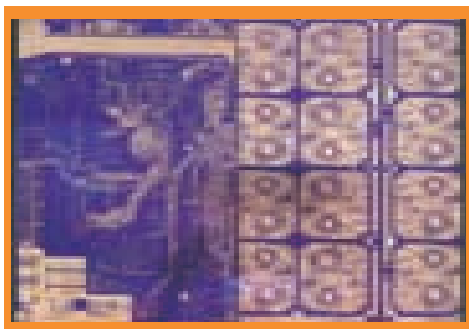


特性 / Features:

- 1.超高的洁净度
Superior purity
- 2.较低的晶点，剥离力变化小
Low gel content, stable peeling force
- 3.易于贴合和剥离，剥离不留白雾
Easy adhesion and peeling, no residue after peel
- 4.良好的抗静电性，防止静电损伤电子零部件
Good anti-static performance

产品应用 / Applications:

适用于高端电子零件、感光镜头、导光板、柔性线路板等高价产品。
Applied to electronics components, photosensitive lens, light guide plate, PCB and others.



PE自粘膜

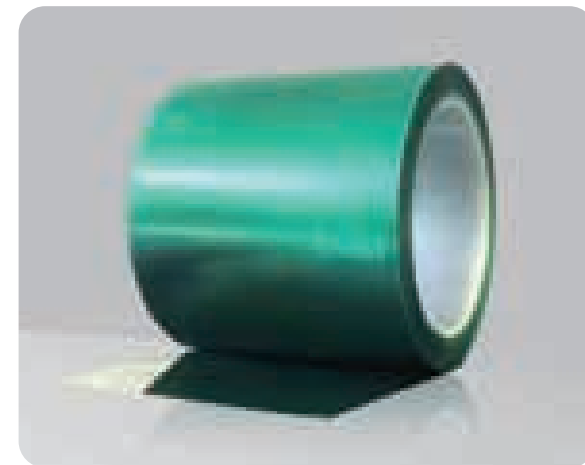
Self-adhesive PE Protective Film

Category: Protective Film
类别: PE 保护膜

产品简介 / Introduction:

PE静电自粘膜常用于高端电子产品的表面保护，因此对于晶点与尘埃控制极为严苛，目前仅有极少数吹膜厂家能够真正满足生产环境要求并保证产品质量。

Self-adhesive PE Protective Film is widely applied to surface protection of high-end electronics. This requires extremely high control on gel content and dust prevention. Hualo Film is one of the limited numbers of film manufacturers that can meet requirements of production environment and product quality consistence.



参数 / parameter:

颜色: 透明、奶白、蓝色、绿色等
宽度范围: $\leq 2100\text{mm}$
厚度范围: $20\sim 50\ \mu\text{m}$

Color: Transparent / Milky / Blue / Green and etc.
Width: $\leq 1350\text{mm}$
Thickness: $20\sim 50\ \mu\text{m}$



特性 / Features:

- 1.较低的晶点，无析出、无残留、易撕性好
Low gel, no residue and easy peel
- 2.高洁净度与优异的透明度并存
High purity and clarity

产品应用 / Applications:

应用于印刷级PC、PET薄膜，箱包头盔吸塑
Applied to printable PC, PET film, luggage&helmet suction.



价值链 Value Chain



华龙薄膜拥有完整的供应链系统，从原料到终端产品，我们与众多合作伙伴齐心协力，共同为客户提供更优质的产品与服务。

Hualo Film cooperates with business partners to provide our best products and services.

合作伙伴 Business Partners



*部分合作伙伴为间接客户