



GROUPSMART



Jiangsu GroupSmart New Material Co., Ltd.

www.groupsmartfilm.com

Agenda



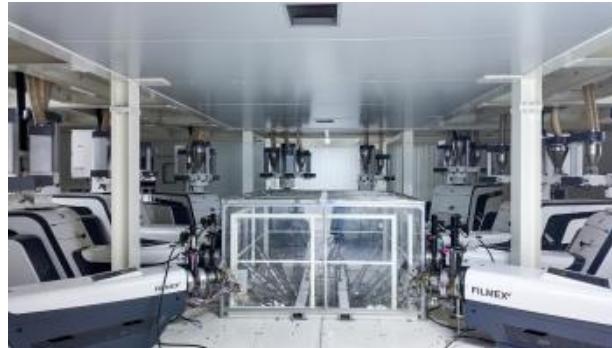
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About GroupSmart



- Jiangsu GroupSmart New Material Co., Ltd. located in Suqian City, China
- GroupSmart focuses on offering perfect packaging solutions for various industries including food, healthcare, industrial, and agricultural sectors
- The product provides:
 - ✓ Excellent barrier properties
 - ✓ Outstanding puncture resistance
 - ✓ Good mechanical properties and wear resistance
 - ✓ Resistant to high-temperature cooking & low-temperature freezing
 - ✓ Excellent flatness
 - ✓ High transparency



Workshop

Markets

- Food Packaging:
 - ✓ GroupSmart's 11-layer coextruded cast films are revolutionizing the food packaging industry by delivering superior barrier properties, durability, and sustainability. These advanced films are engineered to protect food products from oxygen, moisture, light, and contaminants, significantly extending shelf life while maintaining freshness and quality
- Medical Packaging:
 - ✓ In the medical and pharmaceutical industries, packaging integrity is critical to ensuring product safety and sterility. GroupSmart's 11-layer coextruded cast films offer exceptional barrier performance against moisture, oxygen, and microbial contamination, making them ideal for medical device packaging, drug blister packs, and sterile barrier systems
- Industrial & Agricultural Packaging:
 - ✓ GroupSmart's 11-layer coextruded cast films redefine reliability in agricultural chemical packaging, these advanced films combine high-barrier materials, chemical resistance, and mechanical strength to safeguard product integrity from production to end use



By Function

- Vacuum Packaging Film & Bag
- Thermoforming Packaging Material
- Multi-functional Easy-peel Lidding Film
- High Barrier Cast Film
- Easy-tear Functional Film
- Low-temperature Resistant Barrier Film
- High-temperature Retort Film
- Recyclable Mono Material Packaging Film
- MDO Stretch Film
- Medical Sterile Easy-peel Film
- Solvent-resistant Medical Barrier Film

Vacuum Packaging Films & Bags



- **Structure:**

- PA / PE
- PA / PP
- PA / EVOH / PE
- PA / EVOH / PP
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- Low-temperature freezing & high-temperature sterilization
- Medium barrier or high barrier
- Boil-resistant & retort-resistant
- Ultra-transparency with low haze, anti-fogging, easy-tear, etc.

- **Application:**

- Suitable for most perishable foods such as meat products (fresh meat, processed meat products, etc.), agricultural crops (corn, peas, etc.), aquatic products and so on

GS-VAC Series

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Thermoforming Packaging Material



GS-FORM Series

- **Structure:**

- PP / PE
- PA / PE
- PA / PP
- PA / EVOH / PE
- PA / EVOH / PP
- PP / PA / EVOH / PE
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- Low-temperature freezing & high-temperature sterilization
- Medium barrier or high barrier
- Boil-resistant & retort-resistant
- Ultra-transparency with low haze, anti-fogging, etc.
- Uniform thickness, excellent flatness
- Excellent tensile strength & puncture-resistant

- **Application:**

- Suitable for most perishable foods such as meat products (fresh meat, processed meat products, poultry, etc.), ready-to-eat foods(eggs,sausage,snacks,etc.) , cheese and so on

Multi-functional Easy-peel Lidding Film



GS-LID Series

- **Structure:**

- PP / PE / PEEL
- PA / PE / PEEL
- PA / PP / PEEL
- PA / EVOH / PE / PEEL
- PA / EVOH / PP / PEEL
- PET / PE / PEEL
- PA / EVOH / PE / O-PEEL
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting & Lamination

- **Feature:**

- Low-temperature freezing & high-temperature sterilization
- Medium barrier or high barrier
- Ultra-transparency with low haze, anti-fogging, etc.
- Easy-peel, smooth peeling without fiber tearing
- Excellent tensile strength & puncture-resistant

- **Application:**

- Used as a rigid base box and Thermoforming packaging lidding film, such as food container, bubble tea, yogurt, Jelly and so on

High Barrier Cast Film



GS-HBC Series

- **Structure:**

- PA / EVOH / PE
- PA / EVOH / PP
- PE / EVOH / PE
- PP / EVOH / PP
- PP / PA / EVOH / PA / PP
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- Low-temperature freezing & high-temperature sterilization
- High barrier & flavor preservation
- Excellent tensile strength & puncture-resistant
- Support anti-curling

- **Application:**

- Suitable for packaging oxygen-sensitive chilled/fresh meats or processed meat products requiring long-term storage

Easy-tear Functional Film



GS-ET Series

- **Structure:**

- PE-ET
- PA / PE-ET
- PE / EVOH / SRPE / PE
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- High barrier or Medium barrier
- Low-temperature resistant, freezable
- Straight-line tearability, easy-tear performance
- For standalone bags
- Suitable for lamination

- **Application:**

- Universal application of easy-tear packaging for all products

Low-temperature Resistant Barrier Film



GS-LTB Series

- **Structure:**

- PA / PE
- PA / EVOH / PE
- PE / EVOH / PE
- PE / PA / PE
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- Low-temperature resistant, freezable
- High barrier or Medium barrier
- Excellent tensile strength & puncture-resistant
- Support anti-curling
- Low haze, ultra-transparent
- Can be printed and laminated with other films

- **Application:**

- Suitable for packaging oxygen-sensitive chilled/fresh meats or processed meat products requiring long-term storage
- Suitable for freezing and short-term cold storage

High-temperature Retort Film



GS-HTR Series

- **Structure:**

- PA / PP
- PP / PA / PP
- PA / EVOH / PP
- PP / EVOH / PP
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- 121°C retort sterilization, 30 minutes
- High barrier or Medium barrier
- Excellent tensile strength & puncture-resistant
- Support anti-curling
- Low haze, ultra-transparent
- Can be printed and laminated with other films

- **Application:**

- Suitable for packaging requiring 121°C sterilization with extended shelf life and flavor preservation

Recyclable Mono Material Packaging Film



GS-RMM Series

- **Structure:**

- PE / EVOH / PE
- PP / EVOH / PP

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- 121°C retort sterilization, 30 minutes
- High barrier
- Excellent tensile strength & puncture-resistant
- Support anti-curling
- Reduce carbon footprint, recyclability rate up to 95%

- **Application:**

- Suitable for packaging requiring 121°C sterilization with extended shelf life and flavor preservation
- Suitable for packaging oxygen-sensitive chilled/fresh meats or processed meat products requiring long-term storage

MDO Stretch Film



GS-MDO Series

- **Structure:**

- PA / PE
- PA / PP
- PA / EVOH / PE
- PA / EVOH / PP
- PE / EVOH / PE
- Other customized structure

- **Process:**

- 11-layer Co-extrusion Casting Process
- Machine Direction Orientation

- **Feature:**

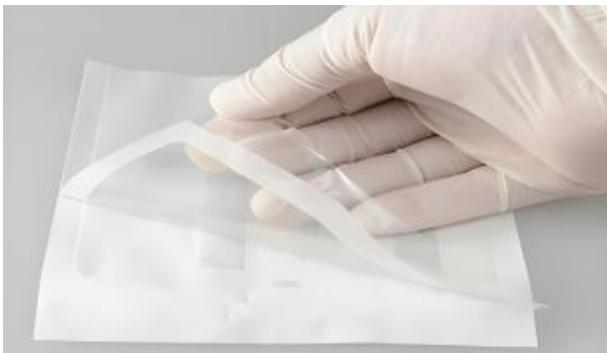
- Low-temperature resistant, freezable & high-temperature sterilization
- High barrier or Medium barrier
- Enhanced stretchability & puncture-resistant
- Reduces carbon footprint, cuts costs & improves efficiency
- Can be printed and laminated with other films

- **Application:**

- Suitable for packaging requiring 121°C sterilization with extended shelf life and flavor preservation
- Suitable for packaging oxygen-sensitive chilled/fresh meats or processed meat products requiring long-term storage



Medical Sterile Easy-peel Film



GS-SEP Series

- **Structure:**

- PA / PE-NEP
- PA / PE-PEP
- PET / PE-PEP
- PET / PP-PEP
- PA / PP-PEP

- **Process:**

- 11-layer Co-extrusion Casting Process

- **Feature:**

- Thermoformable
- Support multiple sterilization methods
- Support various dialysis paper materials
- Easy-peel
- Excellent visibility
- Bacterial barrier properties
- Sufficient mechanical strength

- **Application:**

- Suitable for various types of medical device packaging

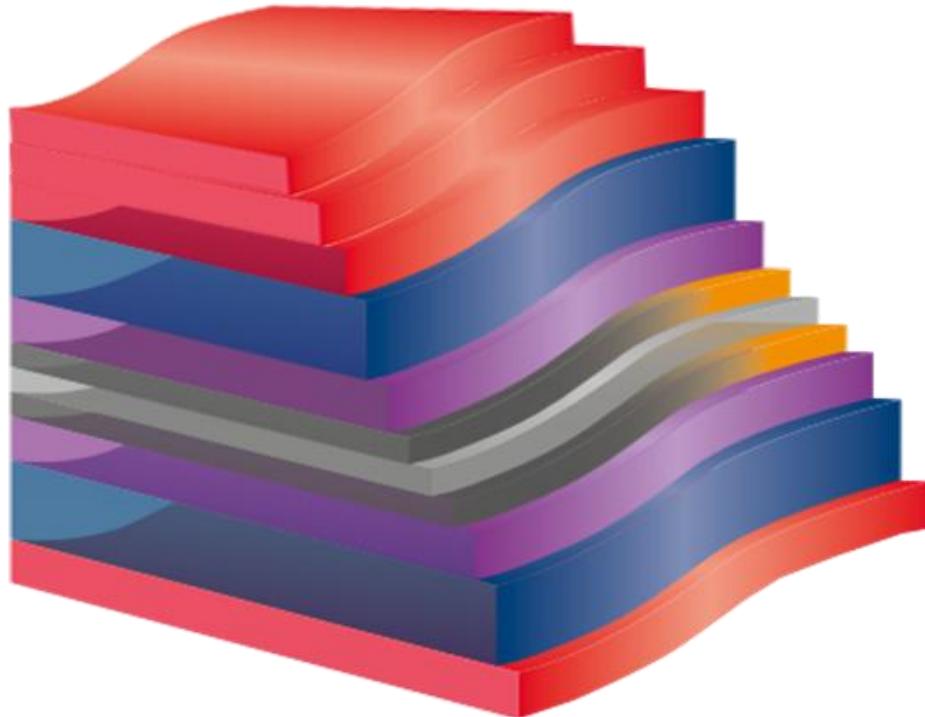
Solvent-resistant Medical Barrier Film



GS-SR Series

- **Structure:**
 - PE / SRPE / PE
 - PA / SRPE / PE
 - PET / SRPE / PE
- **Process:**
 - 11-layer Co-extrusion Casting Process
- **Feature:**
 - Solvent resistance
 - High-strength heat-sealing performance
 - Can be laminated with aluminum foil
 - Excellent barrier properties
 - Standalone use in medical disinfection products
- **Application:**
 - Suitable for the packaging of products containing alcohol-based or iodophor-based disinfectant solutions

Customization



We are 11-layer coextrusion cast film manufacturer

Share your challenges or pain points, and we'll deliver a tailored solution—regardless of your industry, structure, or application.

GroupSmart is a global leader in high-performance packaging films, delivering cutting-edge solutions for Food Packaging, Medical Packaging, and Industrial & Agricultural Packaging. With decades of expertise in polymer science and advanced manufacturing, we develop films that enhance product protection, extend shelf life, and meet stringent industry regulations. Our commitment to innovation, sustainability, and customer-centric solutions makes us a trusted partner for businesses worldwide.

Across all markets, our multi-layer technology enables lightweight yet high-performance solutions, driving efficiency while reducing environmental impact. With proprietary coextrusion capabilities, GroupSmart empowers global brands to overcome packaging challenges through innovation, reliability, and sustainable material science.

We believe in a circular economy where every layer of our co-extruded films serves a purpose—minimizing waste, optimizing recyclability, and reducing carbon footprints. By collaborating with global partners, we aim to replace conventional plastics with next-generation films that meet stringent regulatory standards without compromising performance.

Contact Us



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