www.chimeng.com.tw

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Professionalism

Product Excellence

Trustworthy

Innovation

CHIMENG

Professional Plastic / Rubber Foam Manufacturer. Since 1973.

BEST CHOICE

Chi Meng Industry Co., Ltd.

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MADE IN TAIWAN

Visions




Professionalism

Product Excellence

Innovation

Trustworthy

About Us

Founded in 1973, Chi Meng Industry Co., Ltd. is Taiwan's first professional manufacturer of rubber & plastic bun foams, as well as an enterprise that have professional back-end processing capabilities. Since our establishment, apart from utilizing leading technology to help customers create high value products, we also constantly introduce innovated products to pursue excellent achievements.

Led by an excellent R&D team, Chi Meng has expanded its initial investment on footwear domain to the development and production of sports and fitness products. Based on its diversification and highly stabilized mass production technology, we have stretched our business further into automobile, construction, air conditioning and insulation, noise absorbing, civil engineering, marine fishery, health care, anti-vibration and cushioning and other fields. Our products have thus been widely used in electronics, electro-optics, semiconductor, and 3C industries following the rise of technological industry.



Placing consistent emphasis on quality, environmental protection and product safety, Chi Meng has led the industry to obtain CNS Mark, MIT Smile Label, ISO 9001: 2015 and other professional certifications. Full range of products has also been accredited with EU RoHS, REACH, PAHs Free, Phthalates Free, and US FMVSS302 test approvals; specific products have passed the US UL94-HF1 fire retardant, halogen-free and other test approvals.

Looking into to the future, Chi Meng would like to thank worldwide customers for their trust and recognition, which has in turn driven us forward and innovate consistently to create new opportunities for the rubber and plastic foam industry.

CHIMENG

History and Milestones

1973
Established on 7th, March.

1974
Set up EVA foam production line for footwear.

1977
Launched production lines for foam shoes, slippers, and flip-flops.

Acquired "A Grade Quality Control Award" by Ministry of Economic Affairs.

1980
Introduced the world's most advanced foaming technology from Sanwa Kako Co., Ltd., Japan, and mass-produced the unique High Expanded Chemical Cross-Linking PE Foam.

1982
Introduced the new surfboard production techniques from Tom Morey Co., USA.

Set up rubber foam production line.

1985
Accredited with CNS Mark of "Polyethylene (PE) Foam for Heat Insulating" by Bureau of Standards, Ministry of Economic Affairs.

1987
Obtained Quality Certification of "Thermal Insulation PE Foam" from Plastic Development Association.

1990
Chi Meng's High Expanded Non-Inflammable PE Foam, and High Expanded Conductive PE Foam were honorably approved as the "Scientific & Technologic Enterprise's Products" by Bureau of Industry, Ministry of Economic Affairs.

1995
Introduced biomechanical technology from Japan and cooperated with BioMedical Engineering Institute of National Cheng Kung University to produce functional mattress for preservation of sleeper's health. Gained certification, NCKU R&D Foundation No. 0304, from above institute.

Invested in Shijiazhuang Qihong Rubber & Plastic Products Co., Ltd. in Shijiazhuang City, China. The business branched out into China.

1996
Acquired ISO-9002 Certification.

1998
Leagued together with Sanwa Kako Co., Ltd., Japan as an international strategic alliance, and imported further advanced mass production technology of Conductive Foam, Anti-Static Foam, and Open Cell Foam.

2001
Acquired ISO-9001 Certification.

2003
Acquired UL94-HF1 Fire Retardant Classification Certification.

2006
Passed RoHS to comply with EU's RoHS directive requirement as well as promote environmental sustainability.

2007
Passed REACH Standard to comply with EU's directive requirement.

2008
Passed Phthalates Free and PAHs Free Standards.

2012
Re-engineered and upgraded rubber foam production line to have more production capacity.

2013
Deployed Vacuum Conveyor Type Bandknife Splitting Machine and other back-end processing equipment.

2015
Mass production of Shock Absorption (SA Series) and Rubber Anti-Static Foam (EPDM-AS Series).

List of Products

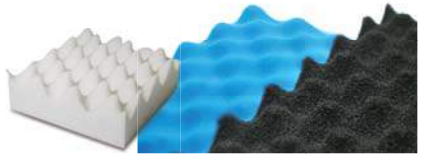
PE/EVA Foam
- L Series.
- C Series.
- H Series.
- XM Series.
- PE Series.

Rubber Foam
- EPDM Series.
- CR Series.
- SBR Series.

High Elastic Foam
- RE Series.
- EL Series.
- S Series.

Shock Absorption Foam
- SA Series.

Open Cell Foam
- LC Series.
- EPDM-OP Series.



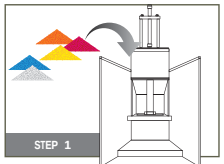
Conductive / Anti-Static Foam
- LCX Series.
- SX Series.
- SXP Series.
- EPDM-AS Series.

Specialty Foam
- BASF, Melamine Foam
- Zotefoams Foam Products
- Armacell Foam Products

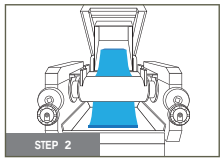
Factory & Lab

Bun Foam Production Procedures. :

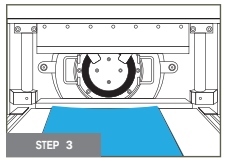
Rely on our diversification and highly stabilized mass production technology, Chi Meng produces various plastic and rubber bun foams in different sizes, colors, and functions:



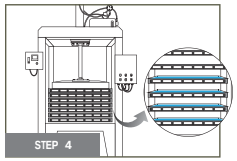
Mixing raw materials in Kneaders.



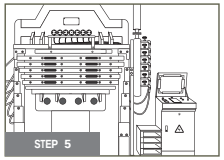
Mixing raw materials in Two-Roller Mills.



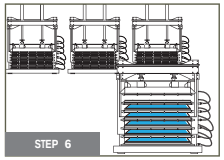
Extrusion Process.



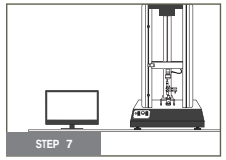
Preheating in the Pre-Molding Heating Machines.



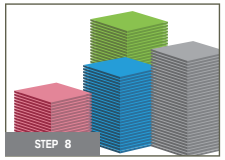
First Step Foaming.



Second Step Foaming.



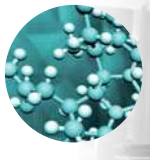
Quality Inspection.



Storage of Bun Foams.

Laboratory

With various physical properties testing equipment, Chi Meng Lab is capable to implement IQC, IPQC, OQC; ensure the stability and efficiency of production. Backed by different try-out machines, Chi Meng Lab has a “mini production line” for dedicating to research and development for innovation products as well as meeting customer’s special requirements.



Processing Center

Back-End Processing.

In Chi Meng’s Processing Center, we have deployed different kinds of equipment to meet various customization and OEM demands.

- Vacuum Conveyor Table Bandknife Splitting Machine.
- CNC Milling Machine.
- Multi-Shape Processing Machine.
- Cold / Hot Compression Molding Machine.
- Thermoelectric Laminating Machine.
- Glue Coating Machine.
- Automatic Shrink Packing Machine.
- Automatic Grinding Machine.
- Automatic Slitting Machine.
- Automatic Die Cutting Machine.

PE/EVA Foam

PE/EVA foam series is a type of chemically cross-linked closed cell foam which mainly comprises of the fundamental materials of PE (Polyethylene) and EVA (Ethylene Vinyl Acetate). To meet various applications, Chi Meng offers four categories of PE/EVA foams.

- Chemical Resistance.
- Acid, Alkali Resistance.
- Non-Water Absorbing.
- Ideal for Processing.
- Thermal Insulation.
- Heat Retention.
- Lightweight.
- Cushioning.

Certifications & Approvals: CNS Mark, No. 4017 of "Polyethylene (PE) Foam for Heat Insulating"; CNS 10487; US UL94-HF1 Fire Retardant; Non-Halogen, etc.

L Series

Excellent in heat retention, fireproof and non-flammable properties. It is widely used in construction, air-conditioning and insulation applications, such as the construction projects of TSMC and UMC wafer fabrication plants. It also features the merits of lightweight, waterproof and wide color options, and is commonly used in water sports products. Moreover, model L-0600 has demonstrated excellence in expansion joints, anti-seepage and buffering for construction and road works. It is now being used in Three Gorges Dam.

C Series

Better flexibility, toughness and recoverability. It is widely used in footwear, sports protectors and sporting goods.

H/PE Series

Higher density and higher hardness. It is widely used in sports protectors.

XM Series

Lightweight with high hardness. Apply to yoga bricks and sports articles.

Rubber Foam

Chi Meng has stood out among the peer industry, and started to manufacture synthetic rubber foams since 1982. Now provide three major rubber series of EPDM, CR and SBR foams.

EPDM Series

- Weathering Resistance.
- Acid, Alkali Resistance.
- Ozone Resistance.
- Anti-Aging.
- Non-Water Absorbing.
- Anti-Slipping.
- Sulfur Free.

EPDM (Ethylene Propylene Diene Monomer) foam is widely used in automotive industries. Chi Meng has developed its own unique technology to offer sulfur-free peroxide cross-linked EPDM foam that is particularly ideal to use in electronics and semiconductor industries.

This series also comes in models compliance with UL94-HF1 fire retardant (EPDM-FR), Low Compression Set (EPDM-A), Open Cell (EPDM-OP), Anti-Static (EPDM-AS), and Economical Type (EPDM-POE).

CR Series

- Fire Retardant.
- Anti-Slipping.
- Wear Resistance.
- Oil Resistance.
- Anti-Aging.
- Acid, Alkali Resistance.
- Non-Water Absorbing.

CR (Chloroprene) rubber is also known as Neoprene. With features of its fundamental materials, CR Series pass US UL94-HF1 fireproof tests. It is widely used in general industrial rubber products, automobile, etc.

SBR Series

- Excellent Ductility.
- Flexibility.
- Anti-Slipping
- Non-Water Absorbing.

Rely on material properties, SBR (Styrene Butadiene Rubber) is used extensively in sports protectors, wetsuit and heat retention mug sleeves.

High Elastic Foam

In response to market demands, Chi Meng has successfully developed high elastic foams that have both plastic and rubber foam properties. These thermoplastic materials are ideal to perform cold/hot molding. Currently available are three series of RE, EL, and S high elastic foams.

- High Elasticity.
- Excellent Ductility.
- Recoverability.
- Cold/Hot Molding
- Anti-Slipping.
- Non-Water Absorbing.
- Lightweight.

RE/EL/S series

Having both plastic and rubber foam properties, RE series is mainly used in footwear, sports protectors, cushioning materials, medical toilet seats, etc.

Shock Absorption

Chi Meng has developed a series of shock absorption foams out of TPE (Thermoplastic Elastomer), and EVA (Ethylene Vinyl Acetate) with excellent shock absorption capability. These shock absorption materials can instantly absorb shock and convert the vibration energy into heat, and further disperse and eliminate the heat energy rapidly.

- Low Rebound.
- Shock Absorption.
- Recoverability.
- Cold/Hot Molding.
- Impact Resistance.

SA series

In addition to excellent shock absorption, shock resistance, damping and low rebound properties, the materials also feature high toughness, impact resistance characteristics. They are suitable to use in sports protectors, horse riding body protector, motorcycle and vehicle protective gear and clothing, footwear, etc.

Conductive / Anti-Static Foam

With the growth of the semiconductor, electronics, electro-optics industries, the demand of precision electronic components increases rapidly. However, the occurrence of static electricity from production process, parts transporting as well as friction caused by movements may cause considerable damage and loss. By consistently staying ahead of the curve in the industry, Chi Meng has successively developed Conductive Foam, and Anti-Static Foam as solutions.

Conductive LCX Series

- Conductive.
- Electromagnetic Absorption.
- Lightweight.
- Ideal for Processing.

The PE based LCX Series has a low surface resistivity between 10^4 and $10^6\Omega$, making it a perfectly conductive product. Practically, the carbon black is kneaded into PE fundamental materials during manufacturing process. Thus, there will be no any electric conductive substances, such as carbon black, falling from products. It is also free from environmental pollution.

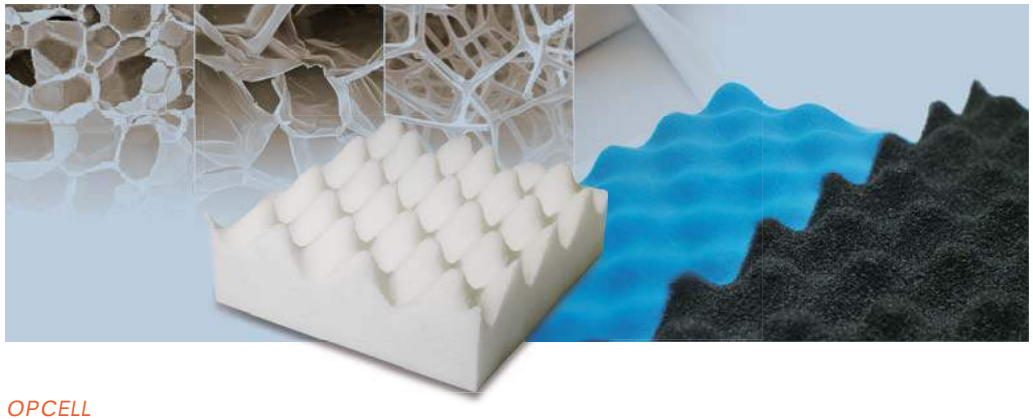
Anti-Static SX/ SXP Series & EPDM-AS Series

- Anti-Static.
- Lightweight.
- Ideal for Processing.

These Anti-Static products have a stable anti-static ability, with surface resistivity $10^9 \sim 10^{11}$. Currently Chi Meng provides Anti-Static SX/ SXP Series, using PE/EVA as base materials. Furthermore, to fulfill customer's special demands, Chi Meng adopts EPDM rubber as fundamental materials, provides Anti-Static EPDM-AS series.

Open Cell Foam

With our own advanced production know-how and cell disruption techniques, Chi Meng has successfully mass-produced the Open Cell foam which is with unique semi-open and interconnected bubble structure. Currently we are offering PE/EVA based LC Series and EPDM rubber based EPDM-OP Series.



OPCELL

LC Series

- Sound Absorption.
- Airtightness.
- Anti-Aging.
- Thermal Insulation.
- Lightweight.
- Water Absorption.
- Recoverability.

Open Cell LC Series is made by PE / EVA fundamental materials. Backed by its semi-open and interconnected bubble structure, Open Cell LC Series is naturally excellent at sound absorption, water absorption, filtration, heat insulation, and sealing abilities. The product is widely used as heat insulation, and sound absorption materials in buildings, as well as seal strips of 3C products. This series also comes in models compliance with UL94-HF1 fire retardant & non-halogen.

EPDM-OP Series

- Sound Absorption.
- Water Absorption.
- Airtightness.
- Weathering Resistance.
- Anti-Aging.
- Ozone Resistance.
- Thermal Insulation.
- Anti-Slipping.
- Recoverability.

EPDM-OP Series can effectively insulate water, air, heat and fitting on the rough surface. It is widely used in electronics, automotive, and construction industries. Chi Meng also provides sulfur-free EPDM-OP foam.

Specialty Foam

In order to meet diverse demands from different industries, Chi Meng also provide specialty foams which are with unique properties.

BASF Melamine Foam

- Sound Absorption.
- Water Absorption.
- Fire Retardant.
- Ideal for Processing.
- Ideal for Cleaning.
- Heat Resistance.
- Lightweight.

BASF Melamine Foam is with lots of mini holes and with excellent sound absorption and pass US UL94-V0 fire retardant standard. It is widely used in automobile, construction industry, and cleaning equipment.

Zotefoams

- No Chemical Residues.
- No Pungent Smell.
- Non-Water Absorbing.
- Lightweight.
- Ideal for Processing.

Zotefoams is using its unique nitrogen expansion technology to foam a variety of advanced polymers. It is ideal to apply to medical suppliers which may directly contact human skin, such as shoe insoles for diabetics. It is also excellent as packing, storage materials for antiques and high-end electronic or optical devices.

armacell

- Sound Absorption.
- Thermal Insulation.
- Heat Retention.
- Fire Retardant.
- Heat/Cold Resistance.
- Lightweight.
- Ideal for Processing.

Armacell specializes in flexible insulation foams for the equipment insulation market and also a leading provider of engineered foams. The featured Armaflex Series is made by the nano-foaming process and pass US UL94-V0 fire retardant standard.

Applications

Chi Meng continues to create greater possibilities in various industrial applications.