

Factory C<mark>ustomize polyurethane PU foam teakondow</mark> martial art protect helmet

Type: Polyurethane foam Size: S,M,L,XL Material: Polyurethane Density: 180-300kg/m3 Shape: Client design Color: Red, blue, black, green more available on Pantone color Usage: Pu martial art head gear Technology: Pu inject into mold shape product Weight: Depend on density Moq: 50 Certificate: RoHS,REACH,EN71-3, CA65 Location: Xiamen, Fujian



Finehope has obtained ISO 9001 certificate continuously since 2003.

IATF16949 Certification:

<u>China factory customize helmet supplier</u> Finehope passed the IATF16949 Automotive Quality Management Systems Certification in 2021. More than 50 documents guarantee the progress of new product development, the quality, delivery time and cost of trial and mass production products.

Since the cooperation between Finehope and Caterpillar in 2007, Finehope has used the automotive quality management system for the new product introduction, using the five tools of SPC, MSA, FMEA, APQP and PPAP, which have won praise from Caterpillar executives and established a long-term partnership so far.

Our Advandages



PU raw material research and development capabilities

Since 2002, Finehope has been committed to the design and manufacture of PU moulded foam products. Independent research and development of formula materials and stable production capacity are the basis for quality assurance.

Finehope can adjust the product formula at any time according to the customized needs of customers' personalized products, such as the requirements for hardness, elasticity, support, feel, density, color and other physical and chemical properties, and can make formulation requirements in compliance with the laws and regulations of various countries. Of course, a good formula must also consider the best cost performance. For new projects, the ability to develop PU formulations is a key condition for ensuring product development quality, delivery time and cost.

Automation equipment design and manufacturing capabilities

Finehope's ability to design and manufacture automation equipment is rare in the industry. By participating in the design of new PU injection mixing equipment and the automation transformation of the production line, to ensure that under the competition of China's demographic dividend is reduced and labor costs continue to rise, the production efficiency also can be improved, labor and material costs can be reduced. In addition, the continuous design and manufacturing capabilities of key equipment such as fixtures, special equipment, and automatic molds are also the reasons why Finehope is in a leading position in all aspects.

Finehope's ability to continuously reduce costs and innovate products can help customers bring greater value. Therefore , it is a reliable long-term partner of many Fortune 500 companies and leading companies in the industry.



Scientific management ability

Finehope emphasizes the importance of the Toyota

Production System and Corporate Coaching Model to optimize management efficiency. Continuous improvement the efficiency and quality of all employees, management and production personnel have been effectively and continuously improved, management and production costs have been continuously reduced, but more important than efficiency and cost is the cultivation of employee growth through continuous improvement, Because this is the core

of corporate sustainable development.

Famous customer

Cooperation experience



FAQ

1. Why you choose Finehope?

<u>China pu foam headguard manufacturer</u> Finehope is the most professional PU manufacturer in China, which has a professional R&D team, advanced PU production equipment, professional testing equipment and perfect quality management system. We have 12-year cooperation experience with CAT, FIAT, TVH, STIGA and other famous enterprises. We provide them with one-step service from R&D to production to satisfy their customization needs.

2. What are the advantages of choosing Finehope?

- 1) Product quality assurance, delivery guarantee, good after-sales service.
- 2) Cost-effective, fast development efficiency, professional operation with integrity.
- 3) Finehope will conduct all testing analysis and then work out testing standards to reduce quality standard dispute between

customers and manufacturers.

- 4) Lean production management mode.
- 5) Help customers to develop and design new products.
- 6) Has rich experience in the design and processing of PU products.

7) Finehope is a high-tech enterprise in China with domestic and have international invention patents technology and intellectual

property.

3. What are the difference between Finehope and domestic peers?

- 1) Quality assurance: advanced quality planning (APQP).
- 2) Finehope has rich experience in serving international large enterprises.

3) Has professional scientific research team of polyurethane material.

4) Has independent design, manufacturing and innovation ability of production equipment and molds.

5) Has engineer team who is responsible for the quality assurance system and quality control.

4. What are the differences between Finehope and European and U.S peers?

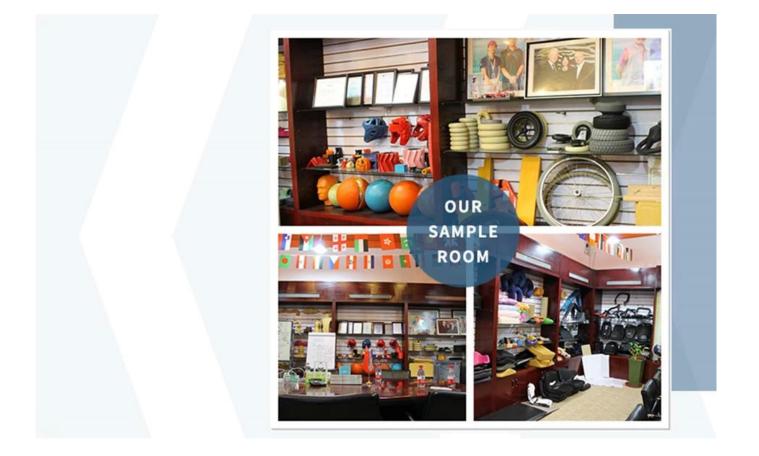
- 1) Has perfect and mature supporting supply chain.
- 2) Lower mold costs.
- 3) High efficiency of development and design ability and short process time.
- 4) Cost advantage and good service attitude.

5. What are the applications of PU products?

Car, engineering machinery, sports fitness equipment, medical machinery and daily household items and so on.

About us







Our Certification







Xiamen Growth-oriented Micro, Small & Medium Enterprises Xiamen Specialized, Refining, Differentiate, Innovative SMEs Xiamen Science and Technology Little Giant Leading Enterprise







Finehope has been rated as "Xiamen Growth-oriented Micro, Small & Medium Enterprises" since 2019. It is the scoring result of the Xiamen Municipal Government based on Finehope's various comprehensive indicators, growth models, brand strength in the industry, and good corporate reputation, then issue this certificate. It is a proof that Finehope stands out among thousands of small and medium-sized enterprises in the city.



Food and Drug Administration Certification

Finehope has passed Food and Drug Administration certification every year since

2018. Food and Drug Administration approval means that the products produced by Finehope have obtained foreign government certificates (CFG) and can enter the global market smoothly. Finehope has been rated as "Xiamen Specialized, Refining, Differentiate, Innovative SMEs" since 2020. "Specialized, Refining, Differentiate, Innovative" refers to SMEs with outstanding main business, strong professional capabilities, strong R&D and innovation capabilities, and development potential. Mainly concentrated in the new generation of information technology, high-end equipment manufacturing, new energy, new materials, biomedicine and other mid-to-high-end industries. The government emphasizes and recognizes finehope's "specialization, special innovation" is to encourage innovation and achieve specialization, reform, and specialization.

Since 2019, Finehope has been selected as the leading company of Xiamen Science and Technology Little Giant. This certificate was jointly issued by five departments of the Xiamen Municipal Government. The selection criteria focus on strategic emerging industries such as new generation information technology, high-end equipment, new materials, new energy, biology and new medicine, energy saving and environmental protection, and marine high-tech. Winning this honor shows that Finehope is at the forefront of the industry in new information technology and new materials.



Integration of Informationization and Industrialization Management System Certificate

The certificate is assessed by the Xiamen Municipal Government and issued by the Shanghai Academy of Quality Management Science.

This certificate reflects the level of Finehope's in-depth integration of informatization and industrialization. Finehope will continue to take a new path



Work Safety Standardization Certificate

Manufacturing safety is important to prevent or lessen the risk of workplace injury, illness, and death.

Finehope General Manager Tiger Side: "Only those manufacturing facilities which continue to emphasize safety as a top-level issue will remain highly productive and competitive in today's marketplace."





Fujian Province Pollution Discharge Permit

Pollution discharge permits are the "identity cards" of all entities involved in the discharge of pollutants and are issued by the Xiamen Municipal Environmental Protection Bureau. General Secretary Xi Jinping emphasized that "the ecological environment should be protected like the eyes, and the ecological environment should be treated like life." Premier Li Keqiang said: "Environmental pollution is a hazard to the people's livelihood and the pain of the people's hearts.

The Third Party -- TUV Certification

Since 2007, Finehope has continuously passed TUV certification and has become an Alibaba Verified Supplier.

Verified Supplier is a high-quality supplier verified by the authoritative strength of Alibaba platform. Through online and offline on-site audits, the merchants' corporate qualifications, product qualifications, corporate capabilities, and other comprehensive strengths are reviewed and verification.

Quality Assurance

UNIVERSAL TESTING MACHINE(UTM)



Tensile Test





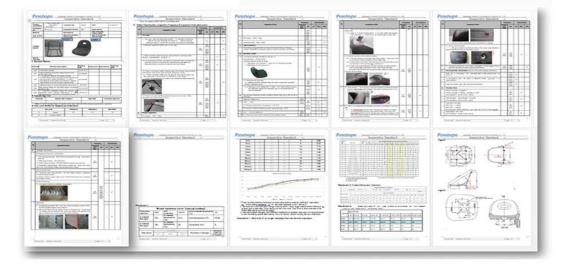
Tear Resistance Test

Compressive Strength

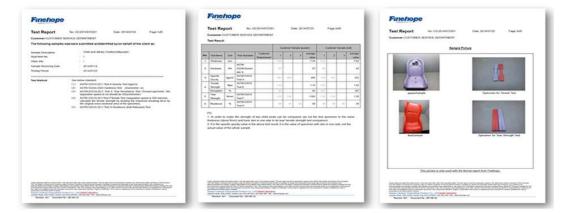


Indentation Force Deflection

INSPECTION STANDARD •



MATERIAL PERFORMANCE TEST REPORT



Finehope

Advanced Product Quality Planning

Customer						
Location	New Zealand					
Customer Code	G1019					
Risk Assessment						
New : Ste	Technology	Process 🗌				
		_				

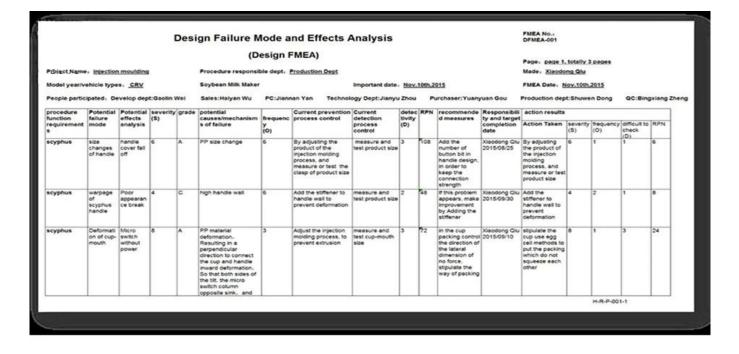
Oate: 01-Oct-17					
Project	Constitution				
Finehope Contact	Wendy Yang				
Part No.	Collimate				
Part Name	G1019Y04				
Change Level/Date					
User Plant(s)	Finehope				

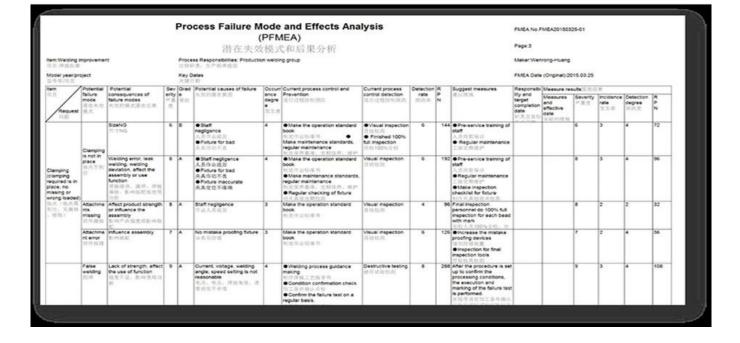
Core Team Members	Company/Title				
Tiger Xu	G.M.				
Yibin Lim	Vice G.M.				
Cindy Wu	Sales Manager				
Liangguan Wan	Project Manager				
Wendy Yang	Sales				
22					

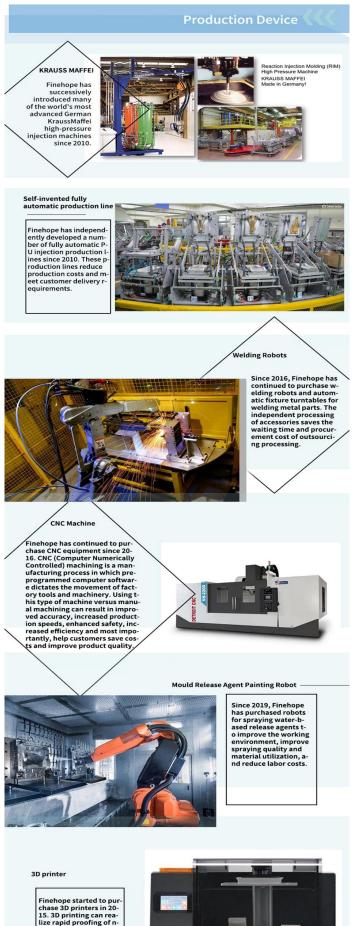
Phone/Fax/E-Mail

Build Level	Material	Quantity	No. Co	ncurred	
	Required Date		SRCs	Majors	
Product Design and Develope	21-Jun-21	10			
Product and Process Validat	25-Jun-21	15			

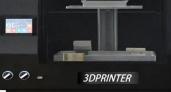
APGP Deliverable	Final-tope APGP Reference Only	G Y R	Project Need Cate	Suppler Timing Date	Actual Closure Cate	Suppler Lead Resp Initials	Finehope Acceptance Complete	Remarks or Assistance Required
			ALAG APO	P Phase 2	- Product	Design an	d Developme	HNT.
 Project Timeline (Synchronized wiProduction Time Plan 	2030	G	20-Jun-21	21-Jun-21	21-Jun-21	22-Jun-21	23-Jun-21	1
2. Customer Inputs / Requirements	2030	G	23-Jun-21	24-345-21	24-Jun-21	25-Jun-21	26-Jun-21	(
 Warranty & Quality Mogation Plan 	2130	C	24-Jun-21	25-Jun-21	25-Jun-21	26-346-21	27-Jun-21	1
L Customer Specific Requirements	2050	G	25-Jun-21	26-340-21	28-Jun-21	27-Jun-21	28-Jun-21	1
L Design FMEA	2060	G	28-Jun-21	27-Jun-21	27-Jun-21	28-Jun-21	29-Jun-21	1
k. Prekminary Bill of Materials (BOM)	2090	G	27-Jun-21	28-3un-21	28-Jun-21	29-Jun-21	30-344-21	1
r. Prototype Control Plans	2110	G	28-Jun-21	29-Jun-21	29-Jun-21	30-Jun-21	1-346-21	1
I. Prototype Builds	2110	G	29-Jun-21	30-Jun-21	30-Jun-21	1-346-21	2.346.21	1
8. Design Verification Plan & Report (DVP&R)	2126	G	30-Jun-21	1-346-21	1-346-21	2-346-21	3-346-21	1
10. Design / Process Review	2130	G	1-346-21	2.346.21	2-346-21	3-346-21	4-346-21	1
11. Team Feasibility Commitment	2130	G	2-346-21	3-246-21	3-344-21	4-346-21	5-346-21	1
12. APQP Status Sub-Suppler	2130	G	3-346-21	4-345-21	4-346-21	5-34621	6-346-21	1
13. Production Drawing & Specifications	2220	G	4-346-21	5-346-21	5-346-21	6-346-21	7-346-21	1
14. Subcontractor Purchase Orders (Customer Tooling	2250	G	5-346-21	6-346-21	6-3-6-21	7-345-21	8-34521	1
15. Facilities, Equipment, Tools and Gages	2260	G	6-346-21	7.546.21	7.345.21	8-246-21	9-3-6-21	1
			ALAG APO	P Phase 3	· Process	Design an	d Developme	ent
16. Product/Process and Quality System Review	3636	G	9-34621	10-346-21	10-346-21	10-34-21	11-34-21	1
17. Manufacturing Process Flow Chart	3040	G	11-34-21	12-34-21	12-346-21	12-34-21	13-344-21	1
18. Process FI/EA	3190	G	13-346-21	14-346-21	14-346-21	14-346-21	15-346-21	1
19. Pre-Launch Control Plan	3110	G	15-346-21	16-346-21	16-346-21	16-34-21	17-34-21	1
20. Process Work Instructions	3120	G	17-346-21	18-346-21	18-3-6-21	18-34-21	19-34-21	1
21. Measurement Systems Evaluation	3130	G	19-346-21	20.346-21	20.346-21	20-346-21	21-34-21	1
22. Packaging Specifications & Approvals	3160	G	21-Jul-21	22-34-21	22-34-21	22-34-21	23-34-21	1
23. Manufacturing Team Training	3170	G	23-346-21	24-34-21	24-34-21	24-34-21	25-34-21	1
	1			QP Phase			ess Validatio	0
M. Subcontractor IVAP Approval	4305	G	9-345-21	10-34-21	10-346-21	10-346-21	11-34-21	1
H. Production Control Plan	8008	G	11-Jul-21	12.34.21	12.346.21	12-346-21	13-346-21	1
N. Production Reastness Review (PRR)	4009	G	13-346-21	14-24-21	14-346-21	14-346-21	15-34-21	1
27. Production Trial Run (PTR)	4010	c	15-Jul-21	16-Jul-21	16-Jul-21	16-346-21	17-34-21	1
28. Process Capability Studies	4530	G	17-346-21	18-34-21	18-34-21	18-34-21	19-34-21	1
29. Production Validation Plan & Report (PVPSR)	4000	G	19-34-21	20.346.21	20-346-21	20-34-21	21.34.21	1
30. Production Part Approval (PPAP)	4110	G	21-346-21	22.34.21	22.34621	22-34-21	23-34-21	1
							and Correctiv	
1. Initial Production Shipment	5805	G	28-34-21	30-Jul-21	30-346-21	30-34-21	31-Jul-21	1
2. Production Ramp-up Plan	5005	G	31-Jul-21	2-Aug-21	2-Aug-21	2-Aup-21	3.Aug-21	1
33. Full Production Date	5005	G	5-Aup-21	7-Aug-21	7.Aug-21	7-Aup-21	8-Aup21	1
M. Conduct Lessons Learned	5805	G	8-Aup-21	10.Aup-21	10.Aup-21	And a state of the	11-Aug-21	1







Finehope started to pur-chase 3D printers in 20-15. 3D printing can rea-lize rapid proofing of n-ew product prototypes and templates for resin molds, and can also be used for faster and che-aper small batch produ-ction.



📎 Social Responsibility

· Audited by Sedex



(Supplier business ethics information exchange)

Labor standard · health and safety · Environmental protection · Business ethics practice

Public-spirited





Voluntary tree planting after Super Typhoon Meranti in 2016

A VALUE-BASED COMPANY

CUSTOMER FIRST

TEAMWORK