

Union-StruCell



bring A grade **PVC foam**
to your factory



One stop service of raw materials

✓ Fiberglass materials ✓ Carbon fiber fabrics ✓ Vacuum infusion materials ✓ Resin ✓ FRP tools

All in one service: **↓30% cost save.**

Customize as the requirement

CNC cutting, Customized surface treatment, processing according to the drawings.

15 years

Production experience

200+

Sets of moulds

45-300kg/m³

Covering density of

Free service

Free

Sample
Packing design
Technical support

Accept small / trial orders

No

MOQ

Fast delivery

Ready to ship

Small orders **5 days**

Full container **15-20 days**



Shipbuilding



Aerospace



Sports Equipment
(Badminton Racket, Tennis Racket)



Railway



Construction



Wind-energy



ADVANTAGE



UNION



V

- Price 50% Higher
- None full PVC FOAM specification
- No special customization

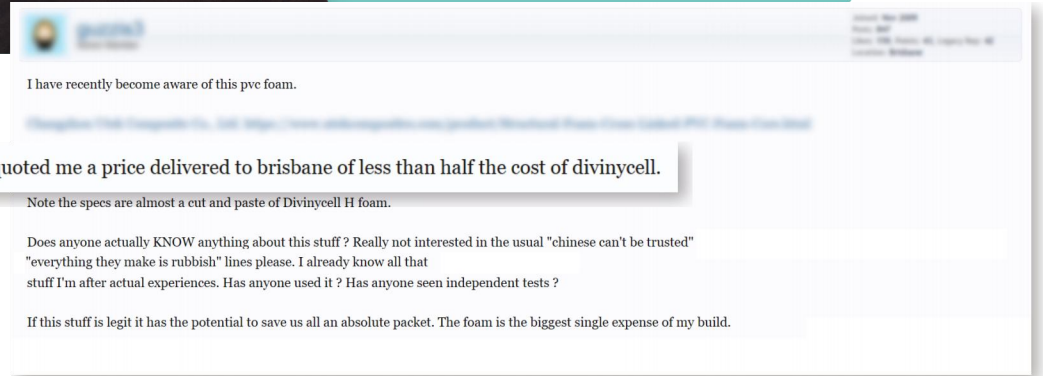


- **50%** price reduction
- Covering density of **45-300kg/m³**
- Thickness tolerance is small: **±0.2mm**
- Thickness of High density can more than **500mm**

S



Your Local Dealer



WHAT WE DO

Regular Density 80kg/m³ PVC FOAM

Product Advantage

- Thickness tolerance (tolerance: **±0.2mm**) density tolerance (**80±3kg/m³**)
- Color to distinguish the density, easy to choose and use
- Thickness customization (**min 1mm~∞**)
- **Pre grooved and punched, works right out of the box**
- Large stock with regular types (**Warehouse area 5000+m²**)
- CNC processing available
(**A total of 10 : 3-axis 5-axis CNC machine tools**)
- **Close cell rate high, waterproof**
- **Self-extinguishing** from fire (Certificate)

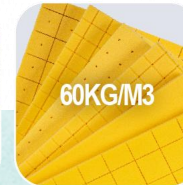
DNV·GL



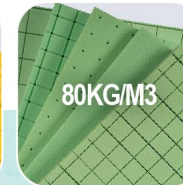
ACCURTEST



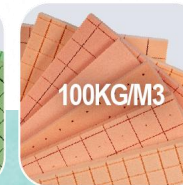
48KG/M3



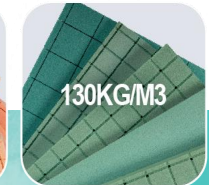
60KG/M3



80KG/M3



100KG/M3

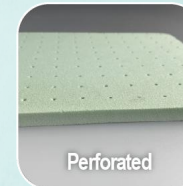


130KG/M3

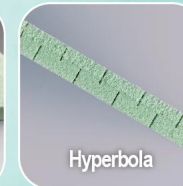


200KG/M3

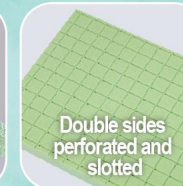
SURFACE TREATMENT



Perforated



Hyperbola



Double sides
perforated and
slotted



Contour Board



1.2mm thickness

Sales volume: 2000000m²/per year



WHAT WE DO

Regular Density 60kg/m³ PVC FOAM

Product Advantage

- Ultralight
- **High strength, impact resistance, fatigue resistance**
- **Heat** and **sound** insulation
- Flame retardant performance in line with **railway standards**
- Moisture-proof, insect-proof, environmental protection, never rot (suitable for coastal)
- Smooth **surface**, smooth **curve**, beautiful **appearance**
- Maintenance-free and **easy to repair**

Market



RV



Wind energy



Sports



Railway



EQUIPMENT CAPACITY



Slicing



Punching



5-Axial CNC



All Digital Control



5S Workshop management



Loading

WHAT WE PROVIDE



Fiberglass

Fiberglass Fabric
CM1808/2408

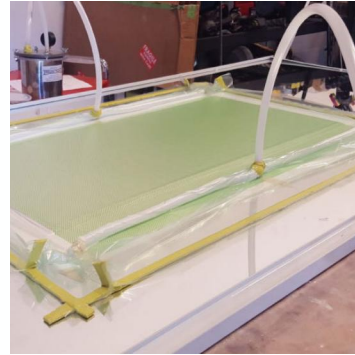
Chopped strand mat 300/450
Unidirectional Fabric UD700
Multiaxial BX400/LT400



Carbon Fabric

Plain/Twill 200GSM
Multiaxial LT400

UD 300GSM



Auxiliary Materials

Bagging film 65um-150c
Peel ply PET85
Release film 30um
Breather cloth

150-339GSM
Flow mesh 110-230GSM
Sealant tape 120C
Resin tube 10-24



Resin

UP189 / 191 / 10070 / 10032
VE770 / 11VP
EP 3311



FRP Tools

Bubble bust roller
Diameter roller
Olive roller
Wool roller
Brushes

DEVELOPMENT HISTORY



Start Export:
PVC foam
Fiberglass
Resin

2012

2014

Expand Applications:
Marine
RV & railway
Wind energy



New Region:
South America
South east asia
Middle east & Africa

2016



Sales team : **20+**
ERP system
Wind energy aproved

2019

2018

Focus on Yatch field
Win customers : **50+**

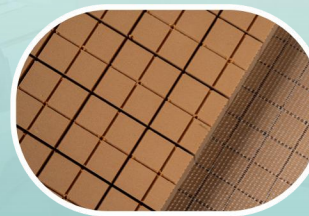


New office **2000m²+**
Sales value
USD**20000000 +**

2023

2022

Hight density **300kg/m³**



2024

New product
for LNG



To be continued ...
Looking forward to
our cooperation!

OUR TEAM



Kyrie Song
General Manager / Technology Manager

- 10 years experience in composite material industry
- Expert: autoclave, vacuum infusion, RTM process
- 15 years management experience



Kurt
Engineer

- 4 years' study in the USA
- Proficient in CAD/PRO E/SW
- Providing additional value service of equipment



Lan
Sales Manager

- 7 years experience in composite industry
- Good at new projects promotion
- Professional in RV, construction, shipboating, insulation



Ming
Sales Manager

- TEM 8 Grade: English communication expert
- 5 years foreign trade experience, win 60+ customers
- Main Service Market: Europe, Oceania, Middle and Southeast Asia, Middle East



Jenny
Sales Manager

- 8 years sales experience
- Professional in chemical parts of composites industry
- Good at providing one-stop service



Betty
Sales Manager

- Expert in winding / pultrusion / RTM 5Years
- Focus on resin and fiberglass better bonding
- Understand the usage habits of each market worldwide



Summer
Sales Manager

- TEF 4 language certificate fluent in French
- Vinyl epoxy shipbuilding expert
- Integration of different process auxiliary materials



Beryl
Logistics Manager

- 4 years logistics management
- Prioritize customer satisfaction
- Customized loading management service



Fredy
Customer Service Manager

- 4 years professional after-sales experience
- Good at QC, ERP system
- Timely reply within 3 hours

WHY CHOOSE US



All materials buy
from Union:

Save your

20%~30% cost

Free service

Free sample

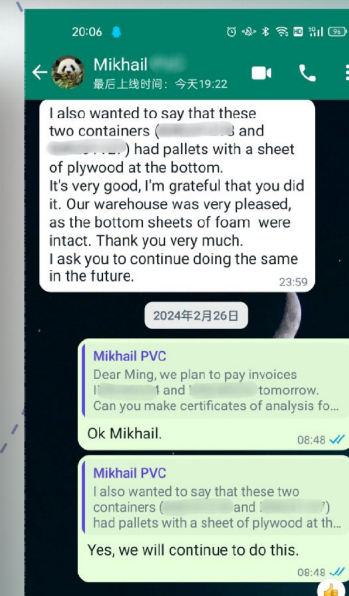
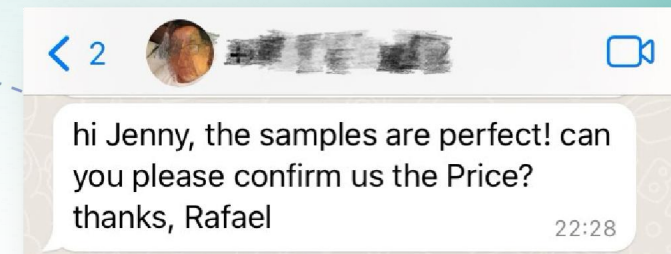
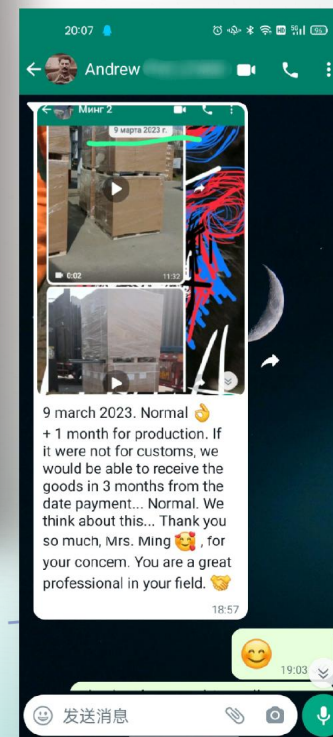
Free packing design

Free technical support

None MOQ

**Unsensitized
purchasing
experience**

Order delivery process visualization
one-stop service



OUR CASE

Case 1



In case 1, weight is reduced by 200kg, so the product can save much fuel and been sell better

Malaysian customers wanted to replace balsa wood with our PVC foam for shipbuilding, reducing weight and achieving better fuel economy. By calculating the amount of material required for each boat, providing data and **weight reduction solutions, we were able to reduce the weight of each vessel by 200KG for our customers.**



Case 2



In case 2, Have detail load record include pictures and documents, help customs clearance faster

The German customer encountered the problem of customs inspection at the port of destination, **and the customs needed to know the details of the goods at each location.** We took photos and videos of the whole process during loading, and marked the details and location serial number of each product, and provided a packing list, which successfully **helped customers solve customs clearance problems.**

	Meter	1.025	1.025	1.025	1.025	1.025	1.025	1.025	1.2	1.025	1.025	11.45
40HQ		PVC mesh pallet 1-10							Basin tube 11-15	On film	On film	Door
		1	2	3	4	5	6	7	8	9	10	
40HQ		PVC mesh pallet 11-20				PVC ply Pallet 21-25			spiral tube 8-10	S-10 resin tube		Door
	Meter	1.025	1.025	1.025	1.025	1.15	1.15	1.15	1.15	1.2	1.2	11.1



HOW TO COOPERATE



Bring A grade
PVC foam
to your
factory

E-mail 1

Provide information

- Product density
- Product quantity
- Product surface treatment
- Product size
- Application
- Destination port, Incoterm

E-mail 2

- Confirm price
- Confirm all information
- Do the payment

E-mail 3

- Confirm goods quality
- Confirm transport details
- Find a customs clearance agent

+

Provide information:

- Detail quotation
- Technical details
- Test report
- Other cases similar with

Union

- Confirm payment
- Record order into ERP System
- Produce product
- QC check
- Feedback
- Delivery

Union

- Send back shipping documents
- Send back QC documents

Union

PRODUCTION AND DELIVERY PROCESS



OUR GUARANTEE



A FREE SERVICE

- Free simple
- Free agent purchase
- Free LCL



COMMITMENT TO QUALITY

Full replenishment for quality problems



ENVIRONMENTAL COMMITMENTS

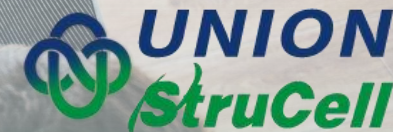
Non toxic
halogen free








PRICE UNDERTAKINGS

Match the lowest
local price

COMMERCIAL SUPPORT



Grade	Purchases	Free samples	Free shipping for samples	Online technical guidance	Market information sharing	Free customized packaging	On-site technical guidance	Sole agency	China Travel	Team service
 BEGINNER	USD700	A4 size, 5 pieces	x	x	x	x	x	x	x	x
 BRONZE LEAGUE	USD1000	A4 size, 5 pieces	1 time/year	x	x	x	x	x	x	x
 SILVER CLASS	USD3000	A4 size, 5 pieces	2 time/year	1 time/year	1 time/year	x	x	x	x	x
 GOLD GRADE	USD15000	1 m ²	2 time/year	2 time/year	2 time/year	1 time/year	x	x	x	3 people
 DIAMOND GRADE	USD100000	1 m ²	3 timZes/year	4 timZes/year	4 timZes/year	2 time/year	1 time/year	√	1 time/year	5 people



WIN-WIN TOGETHER

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