HONGCHENG

PLASTICS

global sources

ABOUT US:

OVER 10 YEARS OF EXPERIENCE IN PVC INFLATABLE PRODUCTS.

Huizhou HONGCHENG PLASTIC Products Co., Ltd. was founded in 2015, over 20000 square meters factory. We have over 10 years of experience in manufacturing and exporting PVC inflatable products. The main materials are PVC, TPU, EVA tape, nylon cloth, and mesh cloth.

The main products produced by our company include various water and beach inflatable entertainment products, home inflatable toys, advertising simulation models, advertising balloons, inflatable cartoons, advertising promotional gifts, and Christmas inflatable products. Our main markets include Asia, North America, Western Europe and more. Our export percentage is over 70%.

We can design, manufacture, support timely delivery, offer competitive prices, and provide a one-stop service. Inquire now to learn more.

https://inflatableproducts.manufacturer.globalsources.com/company-profile_6003002345888.htm

FACTORY

WE ARE NOT JUST SUPPLIERS BUT PARTNERS TO OUR CUSTOMERS

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LEAKAGE TEST ROOM

FACTORY

加工车间

加工车间

加工车间

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FACTORY

FRONT DESK

OFFICE

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DISPLAY

INFLATABLE FLOAT RAFTS

DISPLAY

INFLATABLE TOYS

DISPLAY

INFLATABLE TOYS

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DISPLAY

INFLATABLE BOATS

DISPLAY

INFLATABLE HOME PRODUCTS

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DISPLAY

INFLATABLE OUTDOORS

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PROCESS

MATERIALS

PVC (Polyvinyl Chloride)
Advantages: Waterproof, corrosion-resistant, wear-resistant, and effective in preventing moisture / oxygen penetration.

TPU (Thermoplastic Polyurethane)
Advantages: Eco-friendly alternative to PVC with high abrasion resistance, tensile strength, and aging resistance.

PO / HDPE (Polyolefin / High-Density Polyethylene)
Advantages: Cost - efficient, superior cushioning performance, and impact resistance.

PA (Polyamide / Nylon)
Advantages: High mechanical strength, heat resistance, and abrasion resistance.

PE (Polyethylene)
Advantages: Low-temperature resistance, chemical stability, and soft / flexible texture.

PROCESS

PRINTING

Printing Methods

Screen Printing: UV - resistant plastisol / water-based inks on PVC / TPU. Cure at 150 – 160℃. Best for simple, durable designs.
Heat Transfer: Transfer film + heat (120 - 140℃) onto TPU / PVC. Ideal for complex patterns.
Digital Printing: Direct UV / eco-solvent inks on PVC / TPU. Fast for small batches, photo-quality.
Flexo Printing: Solvent inks on PE/PVC rolls. High-speed for large volumes.
Pad Printing: Silicone pads for 3D surfaces (e.g., valves).

Key Tips

Pre-Treatment: Clean with IPA; use corona / flame treatment for PE.
Inks: Flexible, UV - resistant, and phthalate-free (meet REACH / CPSIA).
Curing: Full cure to avoid tackiness; ≤100° C for heat - sensitive PE.
Durability: Test abrasion (ASTM D4060) and UV resistance (ASTM G154).
Design: Avoid seams, use stretch-tolerant inks for inflating areas.

Avoid

Solvent inks on PE.
Overprinting on welded zones.

PROCESS

PRODUCTION

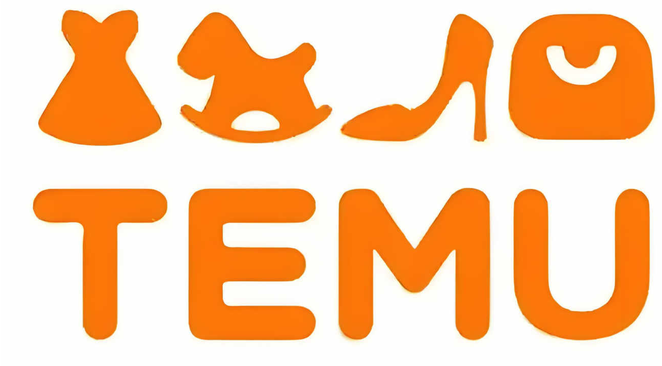
Seals edges of material sheets using controlled heat / pressure to form airtight chambers.

Air valve (e.g., one-way or screw valve) attached and sealed via welding / adhesive.

Internal ribs or multi-chamber structures welded for pressure resistance.

CUSTOMERS

SUPPLIERS OF MAJOR E-COMMERCE PLATFORMS AND SUPERMARKETS



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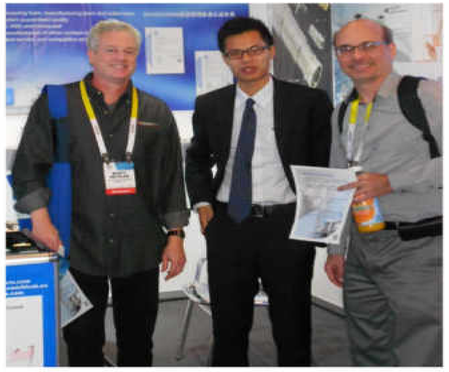
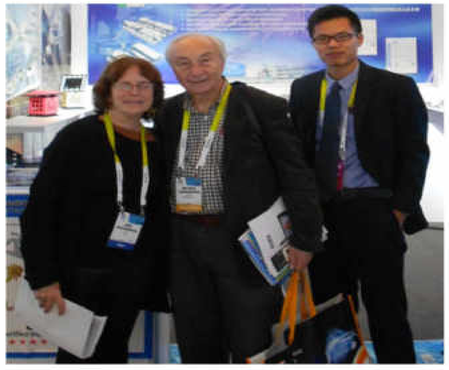
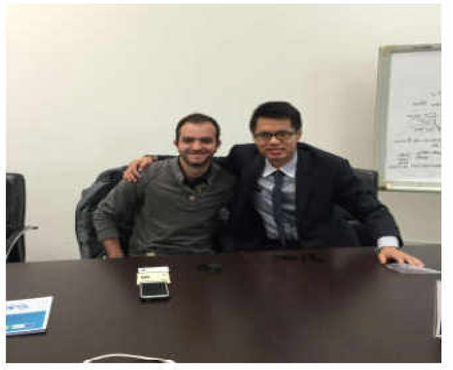
CUSTOMERS







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THANK YOU

WELCOME TO OUR FACTORY