Shade that lasts the summer and the ten after

Custom-tailored shade sails with curved tension edges and marine-grade stainless steel D-rings, alongside heavy-duty knitted HDPE shade netting in rolls. Built for rooftop terraces, residential patios, carports, and commercial venues — direct from our factory in Shandong.







90–95%
UV block & shade rate

5–10 yr
Outdoor service life

Direct from factory
Any size, roll or finished sail

Fabric & weave 02
Shade sails 03
Installations 04
Net in rolls 05
Workshop & order 06

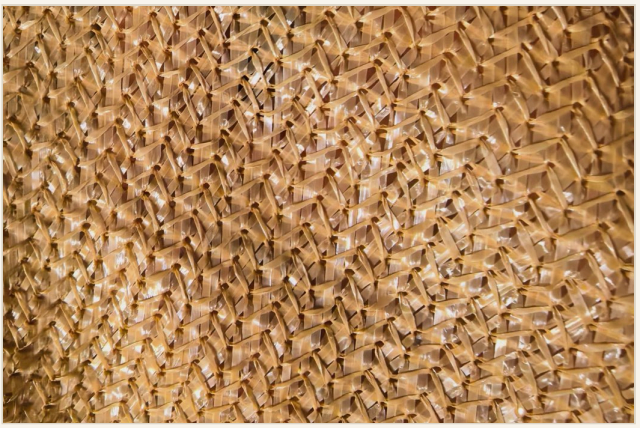
What the fabric does

02

材质与编织工艺

A shade sail is judged twice: by how much ambient heat it drops from the space underneath, and by how it holds shape after three summers of harsh sun. Both depend on yarn virginity, UV additive formulation, and breathable knit micro-structure.

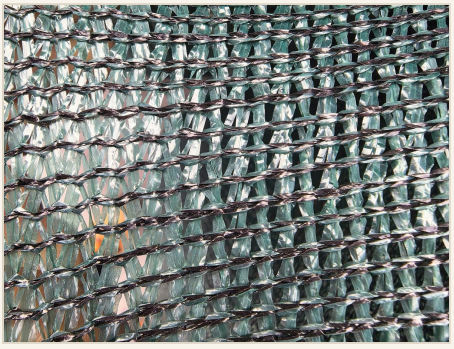
- **Up to 95% UV block** — high-density lock-stitch knitted structure
- **Breathable micro-ventilation** — heat escapes upward, reducing ambient temp by up to 10°C
- **Water-shedding & weather-resistant** — rain runs off without pooling or sagging
- **UV-stabilised & anti-oxidation** — UV compound compounded directly into virgin polymer
- **Reinforced double-webbing hem** — load spreads evenly across all fixing points
- **5–10 year outdoor service life** under heavy outdoor sun exposure



HIGH-DENSITY KNITTED HDPE WEAVE (MACRO)

MATERIAL SPECIFICATION

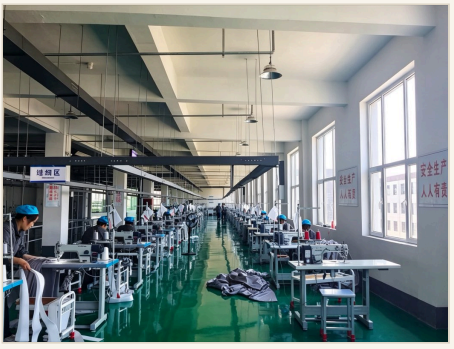
160–180 g/m² (up to 340 g/m² heavy commercial grade) 100% virgin HDPE. Optional PU waterproof coating for dry rain shelters.



KNIT MICRO-PORES



CORNER REINFORCEMENT



PRECISION STITCHING

THE HONEST MEASURE

A shade net is judged twice: by the heat it takes out of the space, and by how it looks after three summers.

Shade sails

03

遮阳帆系列与规格

Triangle, square and rectangle shade sails engineered with hyperbolic curved edges. The perimeter curve pulls inward under tension, keeping the centre of the sail tight, flat, and resistant to wind flap.

SHAPE	COMMON SIZES	FIXING POINTS	BEST FOR
Triangle	3×3×3 m · 4×4×4 m · 5×5×5 m	3	Corners, multi-layer overlaps, courtyards
Square	3×3 m · 4×4 m · 5×5 m	4	Patios, backyard gardens, playgrounds
Rectangle	3×4 m · 3×5 m · 4×6 m	4	Carports, long walkways, commercial terraces
Custom	Any dimension on request	As required	Irregular building contours & architectural designs

STANDARD COLOUR PALETTE

SAND GREY BLUE GREEN BLACK

Shade rate 90–95%. Pantone colour matching available for project runs.



FINISHED SAIL · 304 D-RING & CURVED EDGE



PATIO DUAL-TRIANGLE INSTALLATION



DECK SINGLE-TRIANGLE INSTALLATION

TENSION, NOT SIZE

A sail holds its shape because the corners load evenly — that is what the fixing points decide.

Real-world installations

04

工程与住宅实景案例

From private residential gardens to high-wind commercial rooftop terraces — setting corners at alternating high and low fixing points creates a 3D hyperbolic parabolic (hypar) tension that sheds downpours and eliminates wind flutter.



COMMERCIAL ROOFTOP · 4-SAIL OVERLAPPING HYPAR CANOPY



RESIDENTIAL DECK · SINGLE TRIANGLE WITH PERGOLA ANCHOR

COMMERCIAL & HOSPITALITY

Rooftop bars, hotel swimming pools, restaurant terraces, and public plazas. High wind-load design with marine 316 stainless turnbuckles.

RESIDENTIAL & DOMESTIC

Backyard patios, swimming pool surrounds, carports, and outdoor barbecue kitchens. Direct wall brackets or standalone posts.

WHY HYPAR SHAPES WORK

Setting alternate high and low corner heights creates natural twist tension, preventing rain ponding and adding structural rigidity in storms.

Shade net in rolls

05

遮阳网卷材系列

For installers, distributors, greenhouse growers and industrial buyers who cut and fit on site. Rolls are produced to your required width and length, minimising scrap and eliminating unnecessary seams.



GREEN ROLL (AGRICULTURAL & FENCE)



BEIGE / SAND ROLL (COMMERCIAL & CARPORT)

Applications

- Car parks and commercial vehicle storage
- Balconies, terraces and privacy fence screens
- School sports grounds and outdoor play areas
- Greenhouses, nurseries and agricultural crops
- Construction site dust screening and scaffolding

ROLL SPECIFICATION OPTIONS

- Width: 1.0 m – 6.0 m seamless
- Length: 20 m, 50 m, 100 m or custom roll length
- Edge: raw cut, folded hem, or reinforced eyelet band
- High GSM options available for maximum shading



MESH DENSITY



WAREHOUSE STOCK



EXPORT PACKING

Workshop & ordering

车间实力与订单信息



DEDICATED PRECISION SEWING LINE

OEM / ODM CUSTOMIZATION

- Custom shapes, curves and dimensions
- Custom GSM weight (160g – 340g/m²)
- Heavy-duty 316 stainless steel D-rings
- Retail carry bags or carton packing with custom logo

ENTRY GRADE · STARTING POINT

FROM

USD 0.22 / m²

EXW, entry-grade shade net. Converted from RMB 1.50 / m² at 1 USD = 6.67 CNY (18 Nov 2026). Final quotation follows gsm, shade rate, edge finish and quantity.

MOQ	No minimum on in-stock items
CUSTOM	Produced to order; sample confirmation available
LEAD TIME	In-stock: prompt dispatch; custom: per schedule
TERMS	FOB / CIF Qingdao · T/T, L/C

COMPANY
Shandong Huimin Haoran Rope Net Co., Ltd.
山东浩然绳网有限公司

ADDRESS
Lizhuang Town, Huimin County,
Binzhou, Shandong, China

EMAIL
hrswyxgs@outlook.com

MOBILE / WECHAT
+86 183 6494 3888

STEP 1

Send dimensions, shape or site sketch with target quantity.

STEP 2

We match fabric weight, edge construction and fixing rigging.

STEP 3

Written quotation per m² or per sail set with export packing.

This catalogue is a capability overview, not a binding offer. Specifications, shade rate and packing are confirmed per order in the written quotation.