



HONGDATEX®
Leading Outdoor Fabric Manufacturer Since 1995

OUTDOOR Sofa Fabrics

户外沙发功能性面料

Engineered
Outdoor Sofa Systems
for Premium
OEM/ODM Programs

面向高端OEM/ODM生产的
工程化户外沙发和靠垫系统



“ We don't sell fabric,
we are a full-process manufacturer that
transforms fabrics into controllable engineering systems.”

“ 我们不只卖布，我们是让面料变成可控工程系统的全流程制造商。”

A handwritten signature in black ink, consisting of stylized Chinese characters. The signature is written in a cursive, flowing style, typical of a personal or official signature.



Product Use

面料应用场景 / 户外沙发



Long-Lasting Comfort 持久舒适坐感



All-Weather Waterproof 全天候防水防护



Structural Stability
结构稳定承重



UV & Durability
抗UV耐候性能



Easy Maintenance 易清洁易维护



Why Outdoor Sofas are **Risk-Sensitive** Products?

为什么户外沙发是高风险品？

Sofa products are not “fabric products”.
They are high-risk, highly engineered outdoor systems.
沙发不是“布料产品”，它是一个高风险、强工程属性的户外系统。

Color Fastness Degradation

我们能解决色牢度衰退

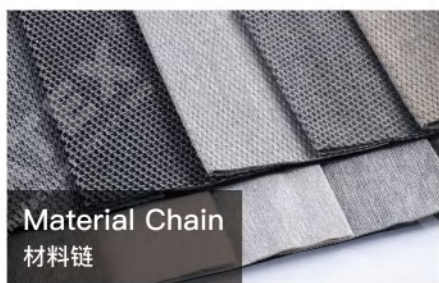
Color Fastness Risk Chain / 色牢度失效链 ▾

Outdoor furniture fading = weak UV resistance of cationic dyes + long-term heat and humidity + sweat + sunscreen + rain exposure → color lightening, graying, and reduced saturation.

户外家具褪色 = 阳离子染料抗UV较弱 + 长期湿热 + 汗液 + 防晒霜 + 雨淋 → 颜色变浅、变灰、饱和度下降。



HongdaTEX Technical Chain / 技术链 ▾



Material Chain
材料链

- Outdoor-Grade Cationic Dye System
户外级阳离子染料体系
- Coating UV Stabilizers
涂层UV稳定剂



Coating Chain
涂层链

- Dyeing Recipe Locking
染料上染曲线锁定
- Cationic Shade Saturation Control
颜色饱和度锁定



Process Chain
工艺链

- Perspiration Fastness Testing
耐汗渍色牢度测试
- Sunlight + Rain + Heat/Humidity
Cycling Test (Weathering Cycle)
日晒 + 雨淋湿热循环测试

HongdaTEX Solution Chain / 解决链 ▾

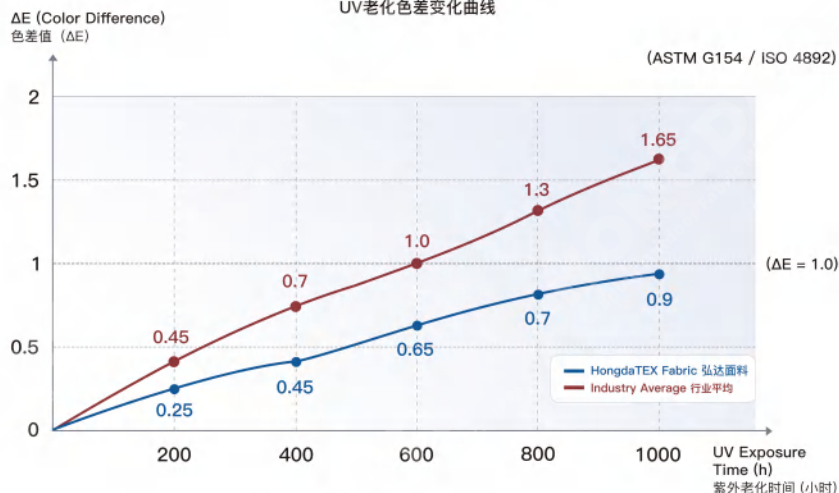
- 1 Outdoor-Grade Cationic Dyes
户外级阳离子染料
- 2 UV Stabilizer System
紫外线稳定剂体系
- 3 Batch $\Delta E \leq 1$ Process Locking
批次 $\Delta E \leq 1$ 工艺锁定
- 4 UV / Perspiration / Heat-Humidity
Four-Dimensional Validation
UV/汗液/湿热四维验证

Through a four-layer evidence chain,
HongdaTEX resolves the core color
fastness risks of outdoor sofas.

HongdaTEX通过四段证据链,
解决户外沙发色牢度的核心风险。

UV Aging ΔE Curve

UV老化色差变化曲线



Weathering Degradation

我们能解决耐候性衰退

Weathering Degradation Risk Chain / 耐候性失效链 ▼

The biggest risk for outdoor cushions is not mold itself, but prolonged moisture retention, leading to performance loss, dirty appearance, backing hydrolysis, and reduced comfort.

户外靠垫最大风险不是发霉本身，而是“湿气停留太久”，导致面料性能下降、视觉变脏、背胶水解、坐感变差。



HongdaTEX Technical Chain / 技术链 ▼



- Coating Stability
涂层稳定性
- Backing Hydrolysis Resistance
背胶抗水解能力



- Uniform Coating Thickness
涂层厚度均匀
- Complete Drying & Curing
烘干固化完全



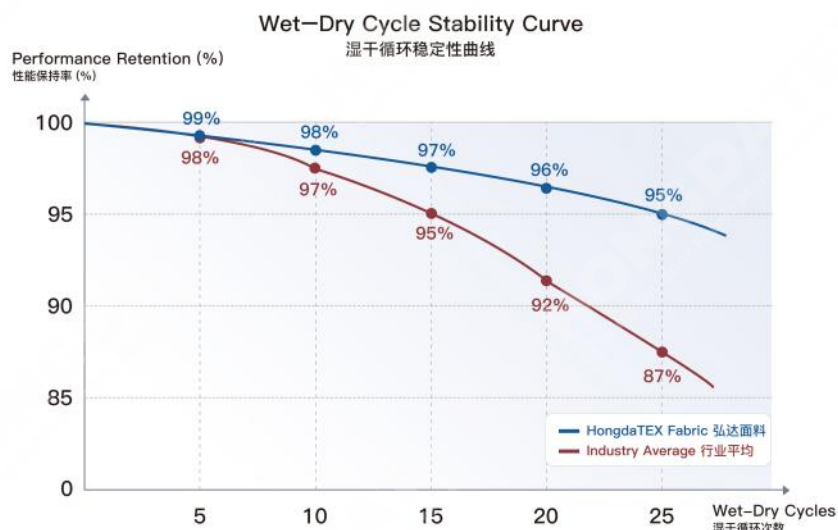
- Wet-Dry Cycling Test
湿干循环测试
- Water Stain Recovery Test
水渍恢复测试

HongdaTEX Solution Chain / 解决链 ▼

- 1 DWR Water-Repellent Surface Treatment
DWR 表面拒水处理
- 2 Hydrolysis-Resistant Backing System
背胶抗水解体系
- 3 Wet-Dry Cycling Weathering Validation
湿干循环耐候验证

HongdaTEX ensures that outdoor cushions maintain a stable appearance in humid environments, remain free from water stains, and keep their backing firm and non-tacky.

HongdaTEX确保户外靠垫在潮湿环境下保持外观稳定、不水渍、背胶不软化、不粘手。



Insufficient Structural Resilience

我们能解决结构回弹不足

Weathering Degradation Risk Chain / 结构回弹失效链 ▼

Insufficient structural resilience = reduced fabric tension + relaxation under thermal cycling + accumulated compression creep → cushion collapse, deformation, and loss of firmness.

结构回弹不足 = 面料张力下降 + 热循环松弛 + 坐压蠕变累积 → 靠垫塌陷、形变、不再挺括。



HongdaTEX Technical Chain / 技术链 ▼



Material Chain
材料链

- High-Elastic DTY Yarn
高弹DTY纱
- High-Density Weave
高密度组织



Process Chain
工艺链

- Heat-Setting Parameter Locking
热定型参数锁定
- Stenter Tension Control
拉幅张力控制



Quality Chain
质量链

- Creep Under Load Test
蠕变伸长测试
- Crease Recovery Test
折痕恢复测试

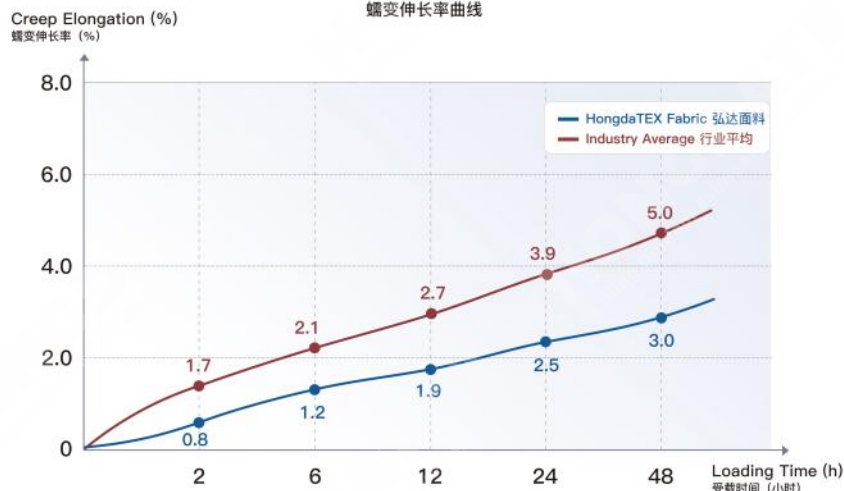
HongdaTEX Solution Chain / 解决链 ▼

- 1 High-Elastic DTY
高弹DTY
- 2 High-Density Weave
高密度组织
- 3 Heat-Setting Tension Locking
定型张力锁定
- 4 Creep / Heat Cycling Validation
蠕变/热循环验证

HongdaTEX ensures that outdoor cushions maintain long-term support, shape stability, and rapid resilience.

HongdaTEX确保户外靠垫长期保持支撑力、形态稳定与快速回弹。

Creep Elongation Curve
蠕变伸长率曲线



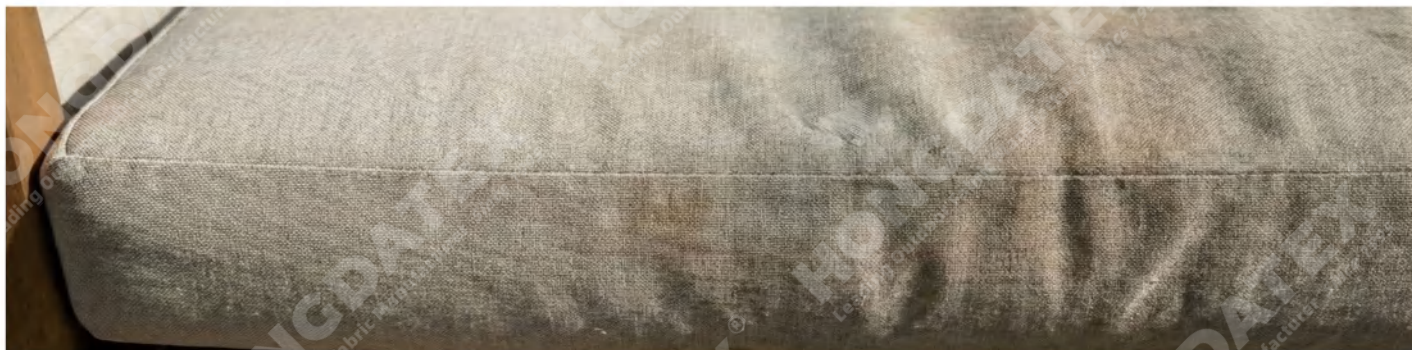
Stain Resistance

我们能解决抗污性

Stain Resistance Risk Chain / 抗污性失效链 ▼

Insufficient stain resistance of outdoor cushions = strong surface adsorption + sensitivity to cationic dye migration + oil + sunscreen + stain retention → cushions become dirtier and darker over time.

户外靠垫抗污性不足 = 表面吸附力强 + 阳离子染料迁移敏感 + 油脂 + 防晒霜 + 污渍滞留 → 靠垫越用越脏、越暗。



HongdaTEX Technical Chain / 技术链 ▼



Material Chain
材料链

- FDY × DTY Surface Tension Balance
FDY × DTY 表面张力平衡
- Anti-Chemical Color Stability
染料耐化学稳定性



Process Chain
工艺链

- Surface Smoothness
表面平滑度
- Color Saturation Stability
颜色饱和度稳定



Quality Chain
质量链

- Daily Stain Simulation
日常污渍模拟
- Darkening Cycle Test
表面暗沉循环测试

HongdaTEX Solution Chain / 解决链 ▼

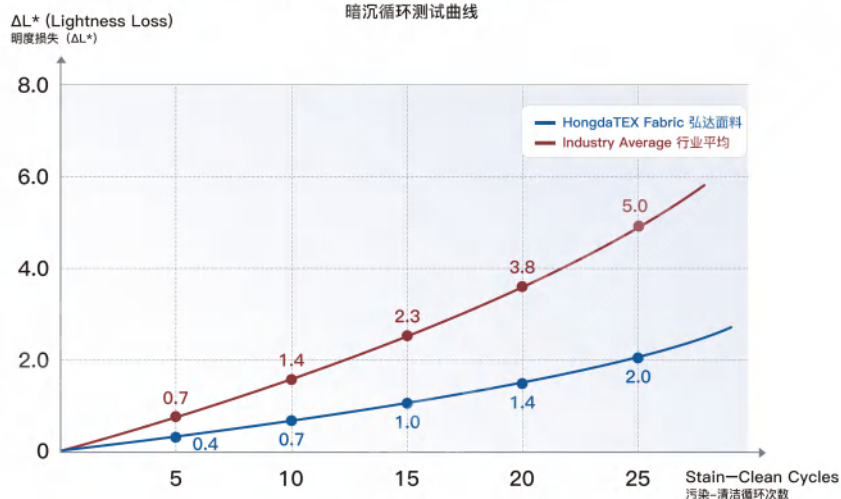
- 1 Surface Adsorption Control
材料表面吸附控制
- 2 Weaving Smoothness
织造平滑度
- 3 Chemical-Resistant Dye Stability
染料抗化学稳定性
- 4 Perspiration / Stain Validation
汗液/污渍验证

HongdaTEX significantly slows dirt buildup on outdoor cushions, making them easier to keep clean.

HongdaTEX能显著减缓户外靠垫的脏污累积速度, 使外观更易保持干净。

Darkening Cycle Test Curve

暗沉循环测试曲线



How We Ensure Stable Quality

我们如何保证质量稳定

We operate a well-equipped in-house testing center capable of conducting precise testing across multiple performance criteria.

All key performance tests are carried out in accordance with internationally recognized standards, ensuring quality control throughout the entire process.

我们拥有设备齐全的内部检测中心，能够对产品做多种项目的精确检测，所有关键性能测试均按照国际公认标准进行，全程检测，把控品质。



Water Pressure Resistance Tester
耐水压测试仪



Electronic Fabric Strength Tester
电子织物强力机



Friction Color Fastness Tester
摩擦色牢度仪



Digital Elmendorf Tearing Tester
织物撕裂测试仪



Double-Beam Color Spectrophotometer
双光束分光测色仪



Formaldehyde Meter
甲醛测定仪



Fabric Flame Retardant Tester
织物阻燃性能测试仪



Shrinkage Testing Oven
缩水率烘箱

How We Ensure Supply Chain Stability

我们如何保证供应链的稳定性



Weaving 织造



Dyeing 染整



Coating 涂层



Testing Lab 实验检测



Warehouse 仓库

From Yarn to Finished Fabric, One-stop Full-process Manufacturer

织造，涂层，印染，一体化全流程制造商

Outsourcing
= 0%
零外包

OTIF
≥ 95%
准交率 ≥95%

Coating &
Heat-Setting
Lines
涂层&定型产线

100%
Production
Line Control
产线控制力100%

Solution Dyeing Technology

原液着色技术

We adopt advanced solution-dyed fabric technology, which completes dyeing and color locking at the fiber stage. This enables the fabric to remain durable and stable in performance even in harsh outdoor conditions such as high temperature and humidity.

我们采用先进原液着色面料技术，纤维阶段即完成着色锁色，让面料在高温潮湿等复杂的户外环境下，依旧持久耐用、性能稳定。



Solution Dyeing Technology vs. Conventional Dyeing / 原液着色技术相比于普通染色

- **Superior UV & Color Fastness**
Meets high AATCC/ISO standards, ensuring long-lasting fade resistance
卓越抗紫外线与色牢度，满足 AATCC/ISO 行业高标准，户外强光下长效抗褪色
- **More Stable Waterproofing Base**
Anti-aging yarns provide stronger coating adhesion for durable waterproofing
更稳定的防水基底，纱线抗老化，为后道涂层提供更强附着力，防水更持久
- **Service Life Doubled**
Enhanced weather resistance drastically slows fabric degradation in extreme environments.
使用寿命翻倍，综合耐候性跃升，极端环境下物理强力衰减极慢

Eco-Textile

环保面料

HongdaTEX is committed to responsible and sustainable textile solutions.

All fabrics we supply are safe, eco-friendly, and non-toxic, and are free from harmful, allergenic, and carcinogenic substances.

弘达致力于负责任的环保与可持续面料开发，
我们所提供的面料安全、环保、无毒，
不含有害、致敏及致癌物质。



Our environmental compliance goes beyond certificates—it is built on a traceable chain of evidence: TC-based batch traceability, REACH SVHC testing, and **PFAS-Free** control verification, ensuring every delivery remains continuously compliant.

我们的环保合规不止于证书，更在于可追溯的证据链：

TC 批次追溯、REACH SVHC 检测、**无氟**管控验证，确保每一批交付持续合规。

Third-party Testing Supported



第三方检测认证

Our fabrics are tested and verified by SGS laboratories, meeting international testing standards from raw materials to finished fabrics. Rigorous evaluation ensures consistent quality, safety, and performance you can rely on.

我们的面料经 SGS 实验室检测与验证，从原材料到成品均符合国际检测标准，通过严格测试，确保每一块面料在品质、安全性及稳定性上的可靠表现



SVHC Test Report
(249 Substances, EU REACH)
欧盟 REACH SVHC 249 项检测报告

Total Fluorine Screening Test
总氟筛查测试报告

Formaldehyde Test Report
甲醛测试报告



RoHS Heavy Metal Test — Cadmium (Cd)
RoHS重金属测试-镉(Cd)

pH Value Test Report
pH值测试报告

Organotin Compounds Test Report
有机锡化合物测试报告

Product Innovation

产品创新

We go beyond fabric supply to offer tailored fabric design solutions. From product concept to application needs, we integrate structure, performance, and aesthetics to create fabric solutions aligned with your product vision.

我们不仅提供面料，更为您设计面料，
从产品理念到应用需求，我们将结构、性能与美学相结合，为客户打造契合产品定位的面料解决方案。



We are committed to leading the industry forward through continuous product innovation. Our R&D team is always focused on market demands, combining the latest technologies to introduce high-performance fabrics that align with future trends.

弘达致力于通过持续的产品创新，引领行业的前沿发展，我们的研发团队始终关注市场需求，结合最新科技，推出符合未来趋势的高性能面料。



HongdaTEX Designer
弘达面料设计师

Why HongdaTEX?

为什么选择弘达？



30 years of consistent service and product delivery

从服务到产品交付，我们30年来始终如一



Full Supply Chain Capability

全产业链能力

Engineering Standards

工程化标准

Stable Delivery System

稳定交付体系



Why We are Trustworthy?

我们为什么值得信赖？



01 30+ Years Manufacturing Experience
30多年制造经验的工厂



02 Advanced Testing Labs Ensure Quality
先进实验室确保质量



03 Partnership with Global Top 100 Enterprises
全球百强企业供应合作

04 Featured by CCTV
央视报道

Global Compliance & Credibility Framework

全球合规与信誉背书体系



S1 – RainGuard Pro (御雨盾系列)

Engineering Story 技术故事

Born for the rainy season. By laminating a physical waterproof coating on the back of 1800D ultra-high-density fibers, we've created more than just a tough "skin"—we've built a defense against moisture, ensuring your outdoor furniture remains perfectly dry even after a storm.

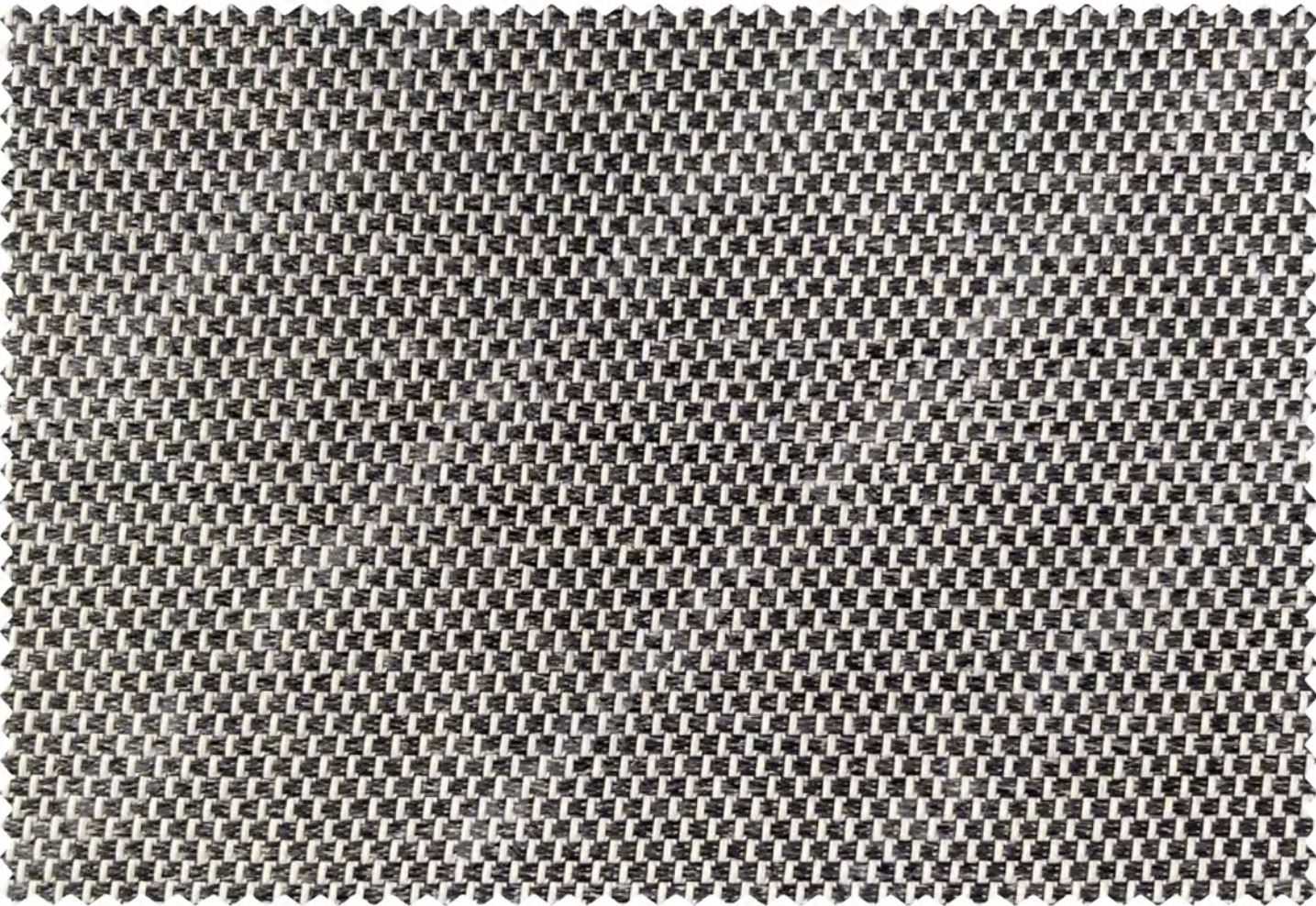
我们为雨季而生。通过在1800D超高密度纤维背面复合物理防水涂层，我们不仅打造了一层坚韧的“皮肤”，更建立了一道抵御潮气的防线，让您的户外家具在风雨后依然保持极致干爽。



Water Repellency (AATCC 22-17) 防泼水等级	Grade 6
Color Fastness to Light (AATCC 16.3) 日晒色牢度	Grade 4
UV Protection 抗紫外线指数	UPF 50+ / SPF 50+

100% Fabric Customization 支持100%面料定制

HD-YL-0142-PU



S2 – EverShore (恒色岸系列)

Engineering Story 技术故事

The cationic process creates charming two-tone textures, mimicking natural materials while providing color fastness far exceeding natural fibers, allowing aesthetics and durability to coexist by the water.

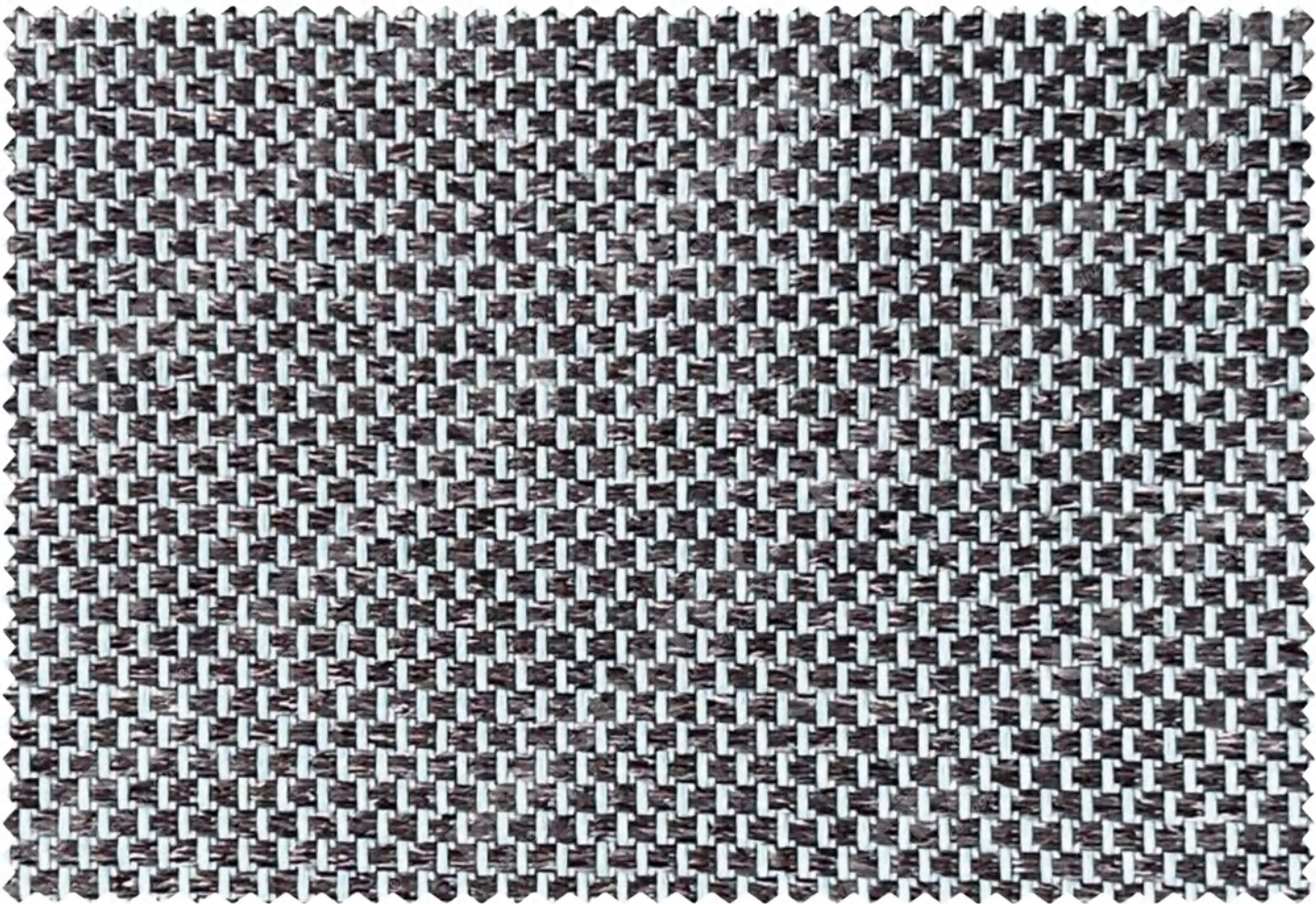
阳离子工艺让面料呈现迷人的双色纹理，模拟自然材质的同时，赋予了其远超自然纤维的抗褪色性能，让美学与耐用在水岸共存。



Water Repellency (AATCC 22-17) 防泼水等级	Grade 6
Color Fastness to Light (AATCC 16.3) 日晒色牢度	Grade 4
UV Protection 抗紫外线指数	UPF 50+ / SPF 50+

100% Fabric Customization 支持100%面料定制

HD-YL-0149-PU



S3 – Structura HD (御构系列)

Engineering Story 技术故事

We’ve redefined commercial durability. By interlocking high-denier fibers, this fabric acts like a soft shield, easily handling the physical friction of high-frequency social interaction.

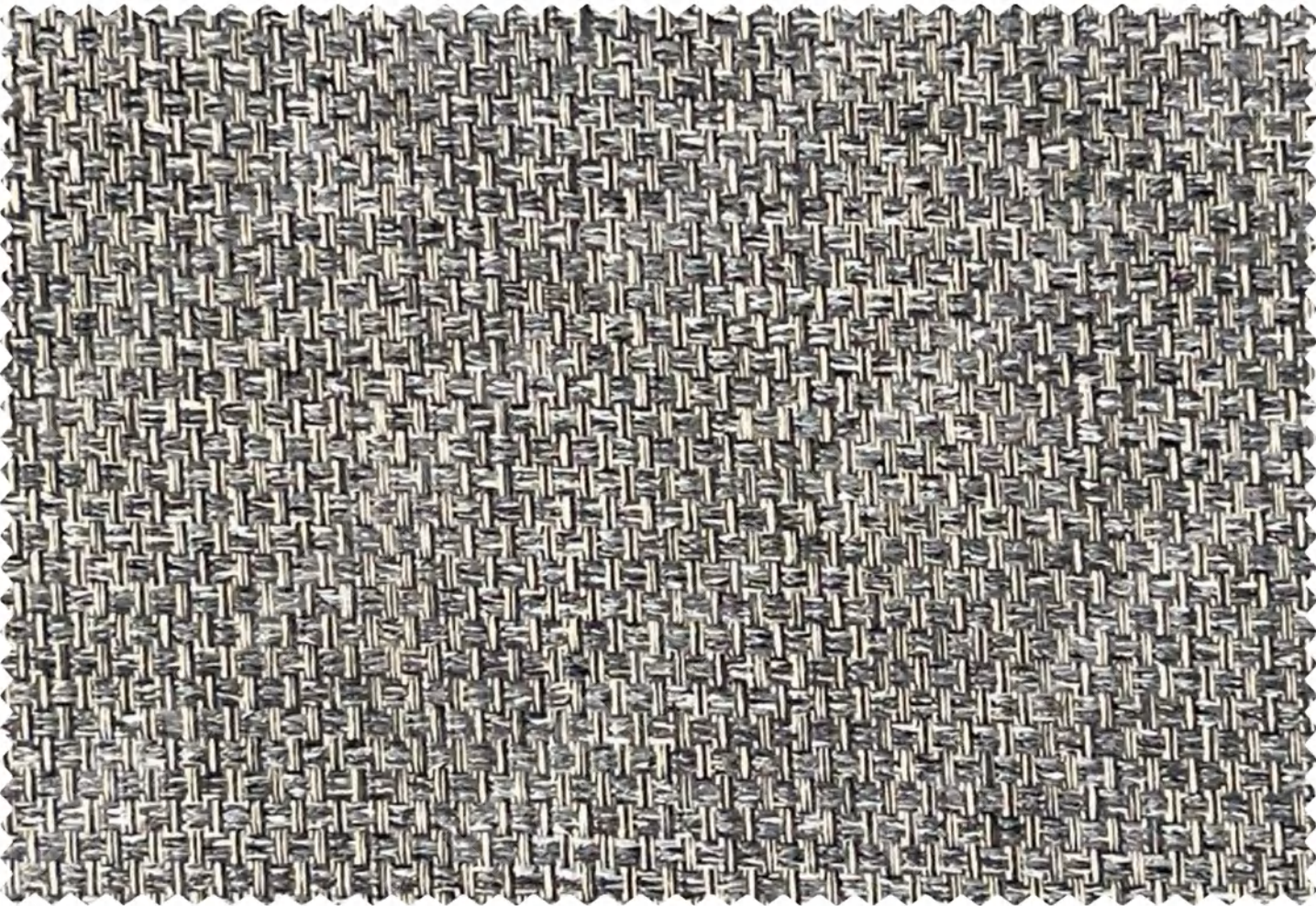
我们重新定义了商业耐用性。利用高旦数纤维的紧密咬合，这款面料如同一面软盾，能够轻松应对高频社交带来的物理摩擦压力。



Abrasion Resistance 耐磨性	≥ 5000cycles
Color Fastness to Light (AATCC 16.3) 日晒色牢度	Grade 4
Pilling Resistance (ISO 12945-2) 抗起毛起球	Grade 4-5

100% Fabric Customization 支持100%面料定制

HD-YL-0156-PU



S4 – CamoWeavePro (隐界系列)

Engineering Story 技术故事

In nature’s embrace, furniture shouldn’t be a burden.
The green-black-grey scheme is not just visual camouflage but part of
our stain-resistance strategy to keep nature’s marks off your sofa.

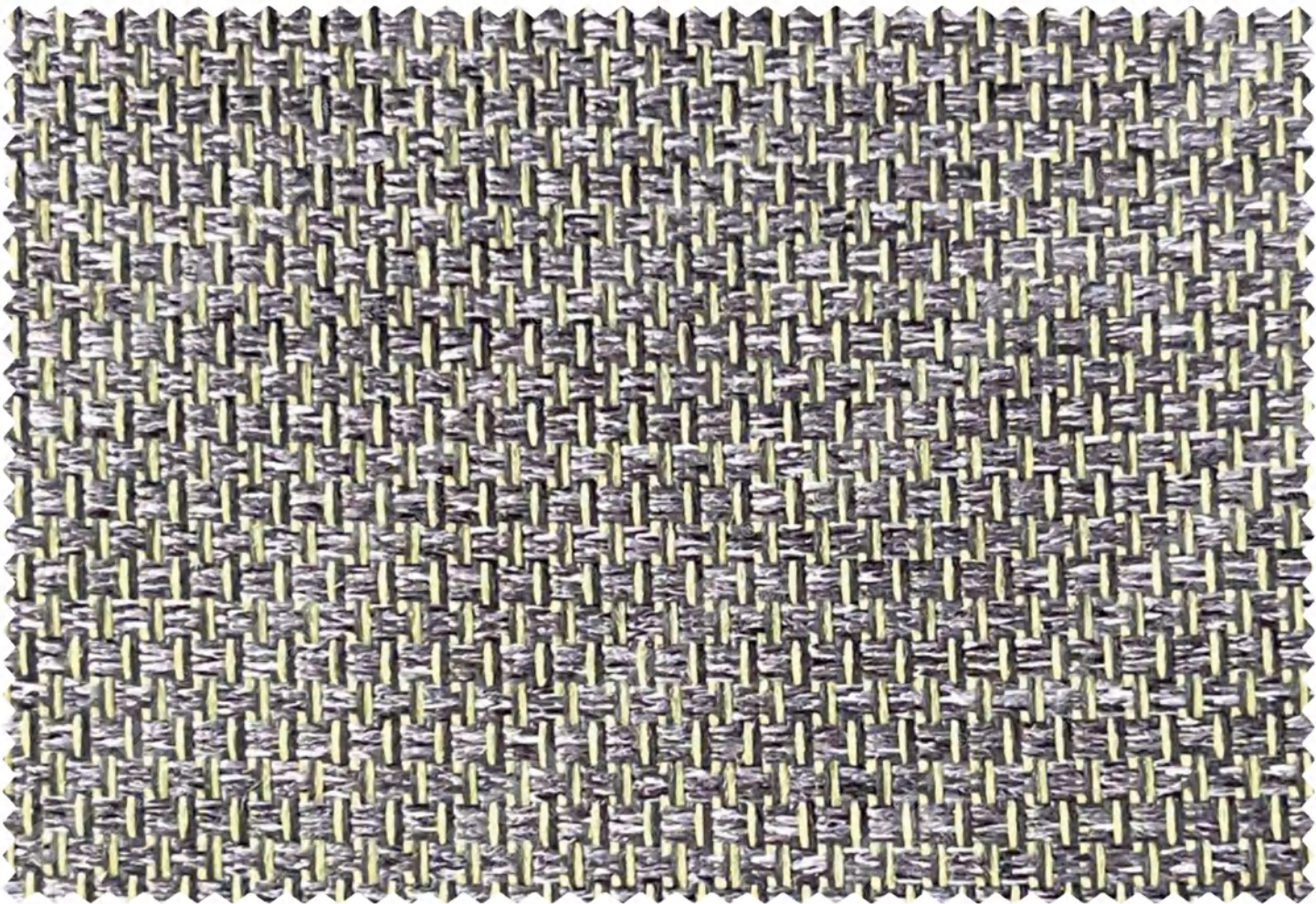
在大自然的环抱中，家具不应是负担。绿黑灰穿插配色不仅是视觉伪装，
更是我们抗污策略的一部分，让自然印记不留在沙发上。



Water Repellency (AATCC 22-17) 防泼水等级	Grade 6
Color Fastness to Light (AATCC 16.3) 日晒色牢度	Grade 4
UV Protection 抗紫外线指数	UPF 50+ / SPF 50+

100% Fabric Customization 支持100%面料定制

HD-YL-0159-PU



S5– Solaris Pro (极曜系列)

Engineering Story 技术故事

We prove endurance under extreme sunlight.
Using premium Olefin fibers with color locked into their DNA,
this is more than fabric; it's a green promise for safety and sustainability.

我们在极端日光下证明持久力。采用顶级Olefin材料，将色彩锁入纤维基因中。
这不只是布料，更是符合全球最高认证的绿色承诺。



Color Fastness to Light (ISO 105 B02)
日晒色牢度

Grade 8

UV Protection
抗紫外线指数

UPF 50+ / SPF 50+

OEKO–TEX® Standard 100
生态纺织品认证

Compliant

100% Fabric Customization 支持100%面料定制

HD–OF–0031–N



S6 – AirLoom (触境系列)

Engineering Story 技术故事

Created for skin contact. Through high-weight coarse texture design, we've enabled microscopic air circulation, keeping the surface cool and dry under the sea breeze.

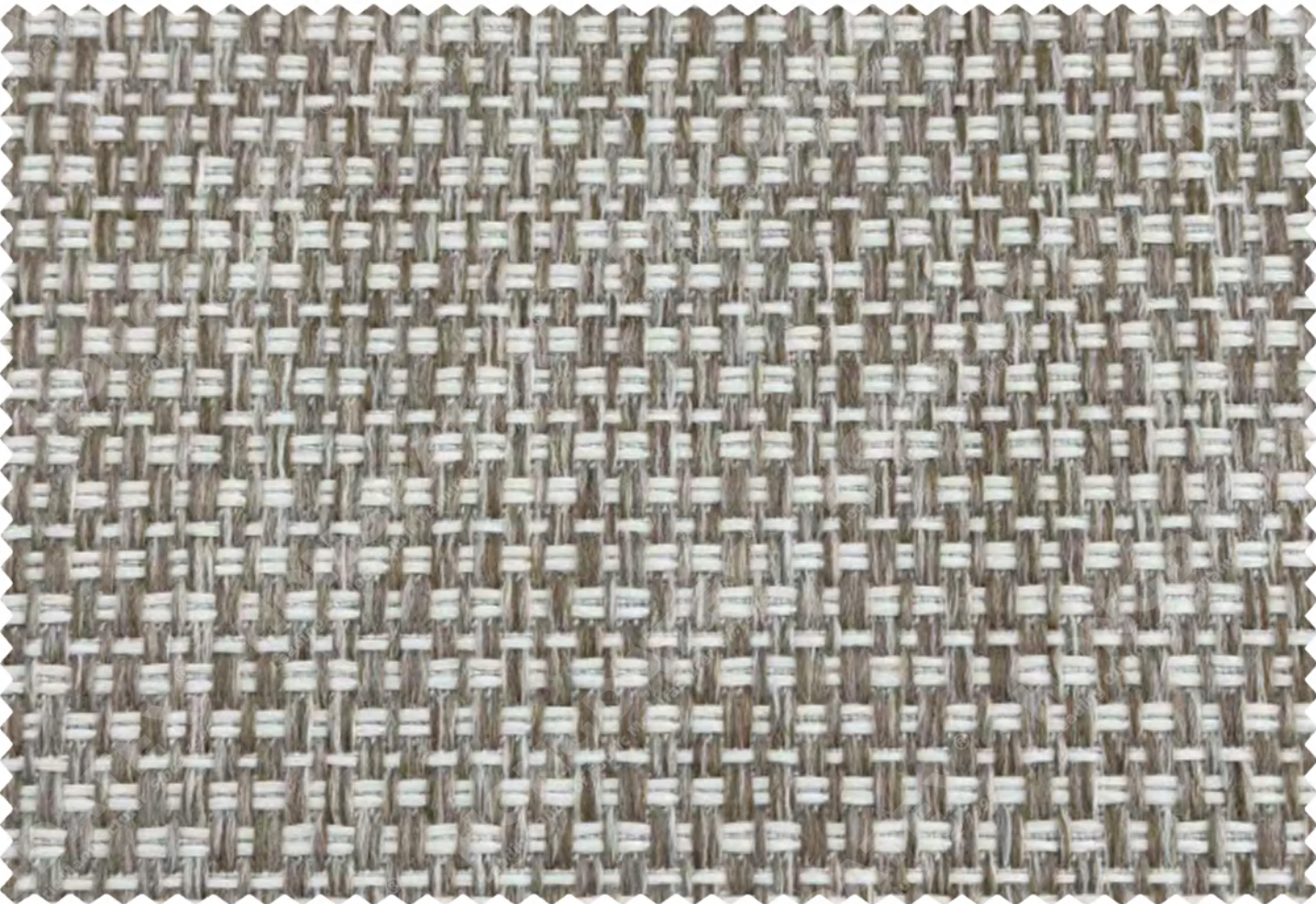
专为皮肤触感而生。通过高克重的粗纹理设计，在保持高强度的同时，创造了微观透气循环，在海风吹拂下始终保持干爽。



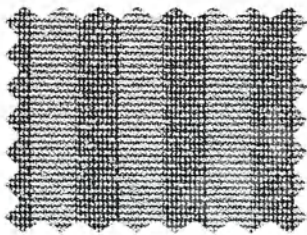
Air Permeability (ASTM D737) 透气性	≥ 150 mm/s
Fabric Weight 面料克重	360g/m²
Dry / Wet Rubbing Fastness 干/湿摩擦牢度	Grade 4-5

100% Fabric Customization 支持100%面料定制

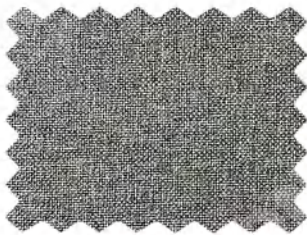
HD-OF-0004-N



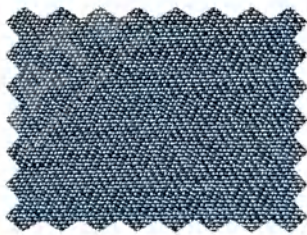
More Fabric Options 更多面料选择



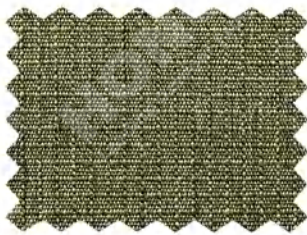
(HD26-22) Polyester Cationic
290GSM PU



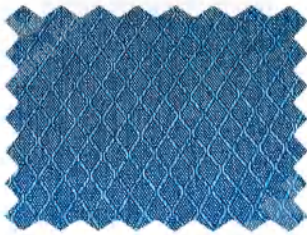
(HD26-07) Polyester Cationic
600D 490GSM PVC



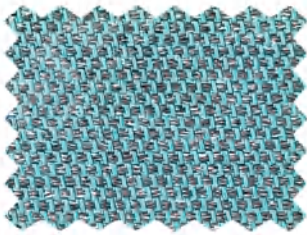
(HD26-104-Y) Polyester Cationic
600D 280GSM PU



(HD26-106-Y) Polyester Cationic
300D 230GSM PU



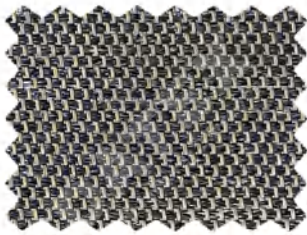
(HD26-101-Y) Polyester Cationic
300D 175GSM PU



(HD-YL-0150-PU) 1800*1000D
290GSM PU



(HD-YL-0152-PU) 1800*1000D
290GSM PU



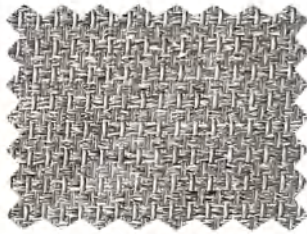
(HD-YL-0148-PU) 1800*1000D
290GSM PU



(HD26-90-Y) Polyester Cationic
600D 190GSM PVC



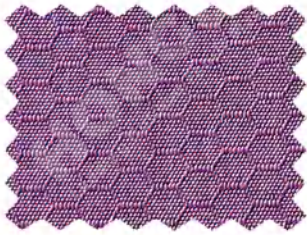
(HD-YL-0156-PU) 1800*1000D
290GSM PU



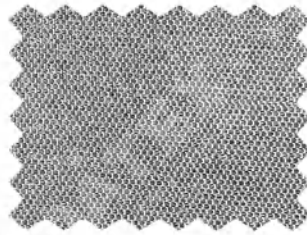
(HD-YL-0166-PU) 1800*1000D
290GSM PU



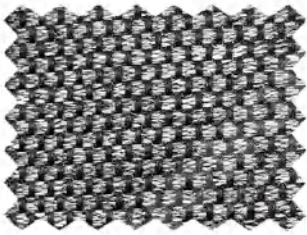
(HD-OF-0016-N) 540D 200GSM
Color Fastness Grade:8
WR SPF50+



(HD26-96-Y) Polyester Cationic
300D 230GSM PU



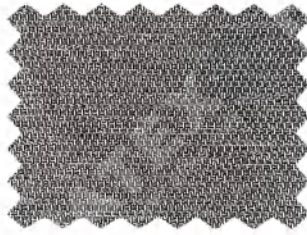
(HD-YL-0144-PU) 1800*1000D
290GSM PU WR



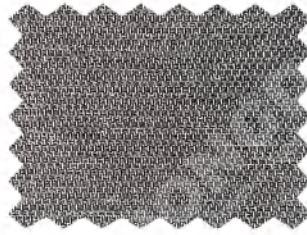
(HD-YL-0143-PU) 1800*1000D
290GSM PU WR



(HD-OF-0015-N) 540D 200GSM
Color Fastness Grade:8
WR SPF50+



(HD-YL-0159-PU) 1800*1000D
290GSM PU



(HD-YL-0157-PU) 1800*1000D
290GSM PU WR



(HD26-23) Polyester Cationic
1200D 280GSM PU



(HD-OF-0045-N) 2400D 360GSM
Color Fastness Grade:8
WR SPF50+



(HD26-40) 300D 310GSM PVC
Yarn-Dyed



(HD26-45) 600D 240GSM PU
Yarn-Dyed



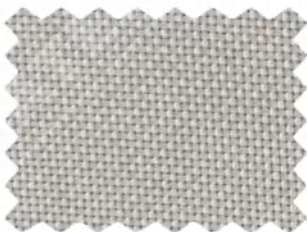
(HD26-84) 220GSM PU WR



(HD26-10) 600D 210GSM PU



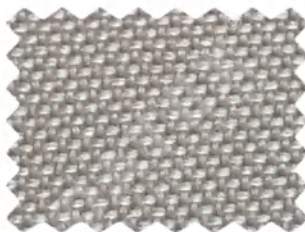
(HD26-11) 280GSM PU



(HD-DT-0065-PVC) 400*400D
530GSM PVC



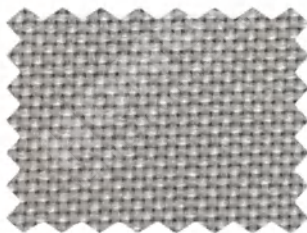
(HD-DT-0069-PU) 600*600D
300GSM PU



(HD-DT-0073-PVC) 400*300D
350GSM PVC



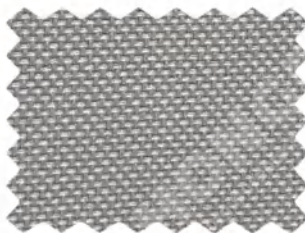
(HD-DT-0082-PVC) 400*400D
615GSM PVC



(HD-DT-0099-PVC) 600*600D
640GSM PVC



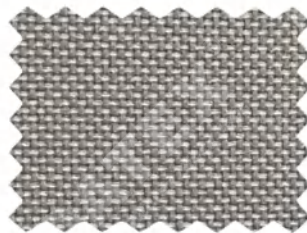
(HD-DT-0104-PVC) 600*600D
300GSM PVC



(HD-DT-0106-PVC) 400*300D
300GSM PVC



(HD-DT-0108-PVC) 300*300D
520GSM PVC



(HD-DT-0124-PVC) 400*400D
355GSM PVC



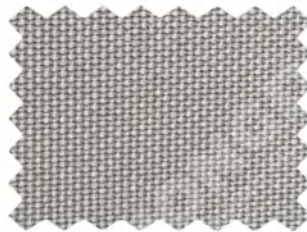
(HD-DT-0139-PVC) 300*300D
250GSM PVC



(HD-DT-0141-PVC) 300*300D
300GSM PVC



(HD-DT-0142-PVC) 300*300D
300GSM PVC



(HD-DT-0144-PU) 500*500D
290GSM PU

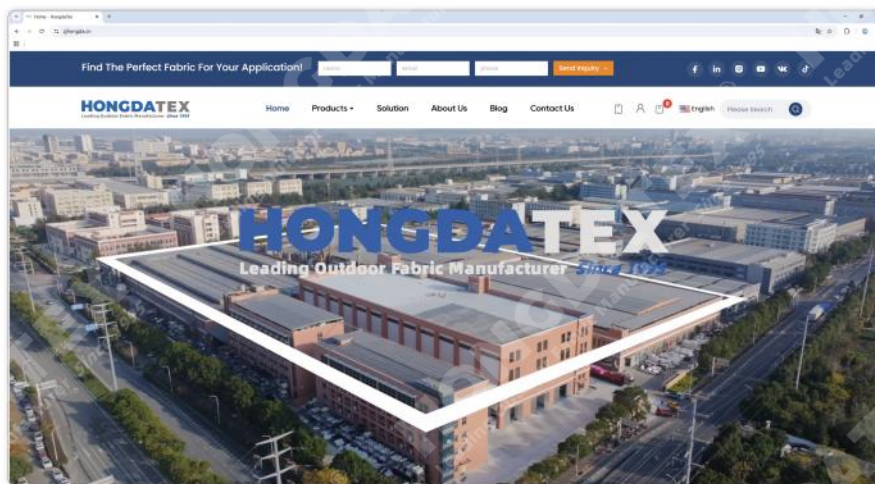


(HD26-01) 600D 490GSM PVC



(HD26-17) 300D 380GSM PVC

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