双头狮
DUALION

INDUSTRIAL
FLOOR MARKING

# NANO-GRADE
# ULTRA-WEAR-RESISTANT TAPE

**Full-scenario Solutions for Factory Floor Marking**

**32** INDUSTRIAL-GRADE PROFESSIONAL TESTS

STRONG ADHESION

HEAVY DUTY

FACTORY GRADE

2026 INDUSTRIAL FLOOR MARKING



# ABOUT DUALION

**32 INDUSTRIAL-GRADE TESTS LONG-LASTING WEAR RESISTANCE!**

- With 21 years of expertise in specialty tape R&D and manufacturing, Double-Head Lion specializes in the full-chain R&D, design, and production of ultra-wear-resistant PVC nano-polymer tapes.

## FOCUS ON R&D

With 21 years of industry experience, our R&D team has built core technical advantages in three fundamental technology areas: hot-melt adhesive formulation modification, ultra-wear-resistant substrate synthesis technology, and precision adhesive coating and curing systems. We hold multiple technology patents and continuously set new benchmarks for product performance.



## GLOBAL SERVICE

Serving multiple international factories worldwide, our application scenarios cover all dimensions and are suitable for the entire industrial chain, including traditional manufacturing of construction machinery, precision automotive manufacturing, bio-food, pharmaceuticals, and logistics.




## QUALITY BENCHMARK

We have established an industry-leading quality monitoring system, executing 32 industrial-grade professional tests across six major dimensions: mechanical properties, adhesion performance, weather resistance, hazardous substance testing, dimensional inspection, and appearance & VOC. Certified by third-party laboratories, our quality is reliable.



## SOURCE MANUFACTURER

We own our source factory, equipped with fully automated equipment for all processes including automatic feeding, injection molding, extrusion, cutting, shaping, lamination, testing, and packaging. We have a professionally certified laboratory and 120 employees dedicated to production, inspection, and logistics. Our factory has passed multiple certifications including ISO9001 and BSCI.




**Focused on Systematic Floor Marking.**
**Leading in Wear-resistant Tapes.**

# CORE SMART MANUFACTURING ABILITY

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!


Auto Packing Line


Auto Cutting Machine


Auto Cutting Line


Auto Rewinding Line


Auto Packer


Auto Shrink Wrapper


Auto Coating Line


Warehouse

## Advanced Automation, Reliable Quality.

# SOURCE MANUFACTURER

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

## PROFESSIONAL TESTING EQUIPMENT

01 Holding Power Tester

02 Peel Strength Tester

03 High-temp Tester

04 Initial Tack Tester

05 Roller Press Tester

06 Light Box

07 Hardness Tester

08 30-Station Holding Tester

09 60-Station Holding Tester

10 Retroreflection Tester





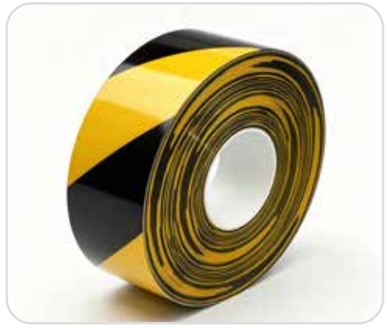
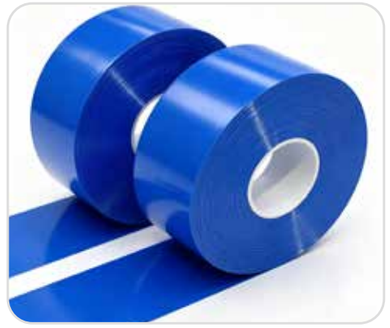



**Professional Lab, Full-chain Inspection, Reliable Quality.**

# PRODUCT GENEALOGY

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

## ULTRA ABRASION-RESISTANT TAPE



## L-SHAPED POSITIONING CORNER STICKERS





## CUSTOM FLOOR MARKING STICKERS









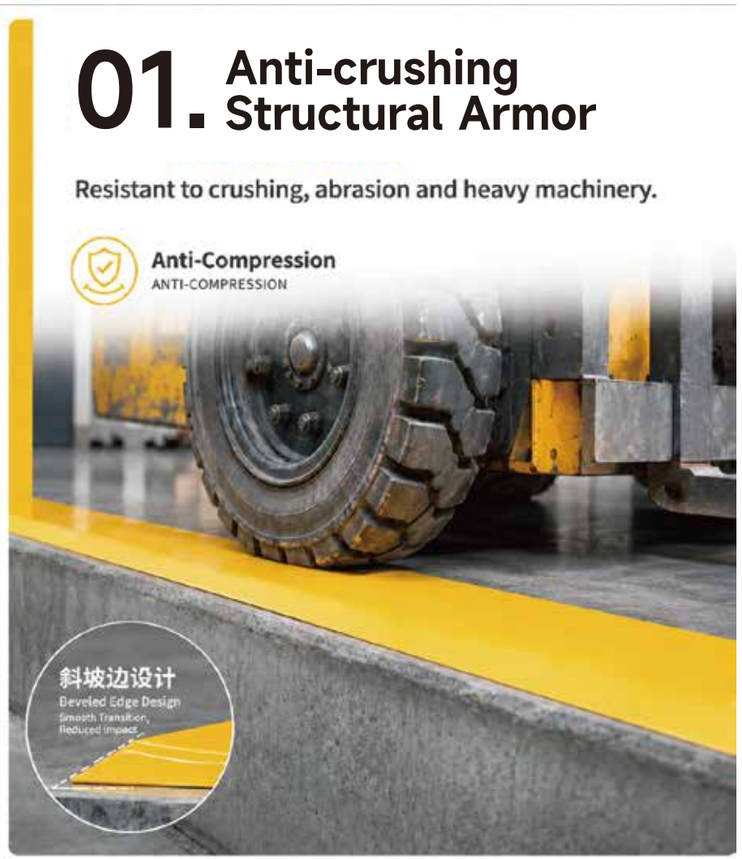
## Standard & Custom Products for Most Factory Applications.

# PRODUCT FEATURES

**32 INDUSTRIAL-GRADE TESTS**
**LONG-LASTING WEAR RESISTANCE!**

## 01. Anti-crushing Structural Armor

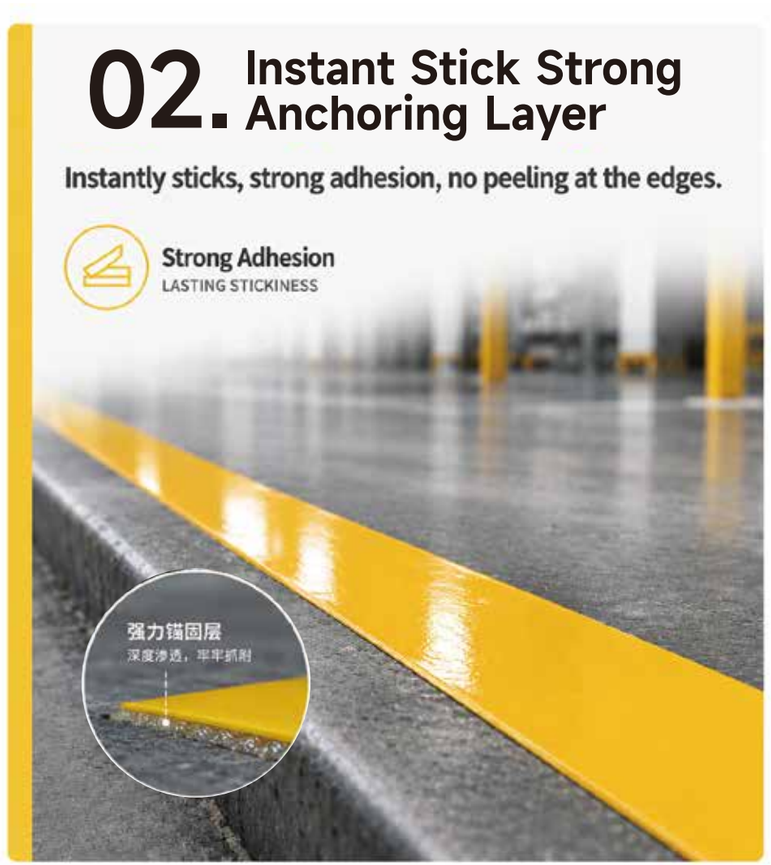
Resistant to crushing, abrasion and heavy machinery.




Abrasion Resistant | High Load Capacity | Long-Lasting Durability

## 02. Instant Stick Strong Anchoring Layer

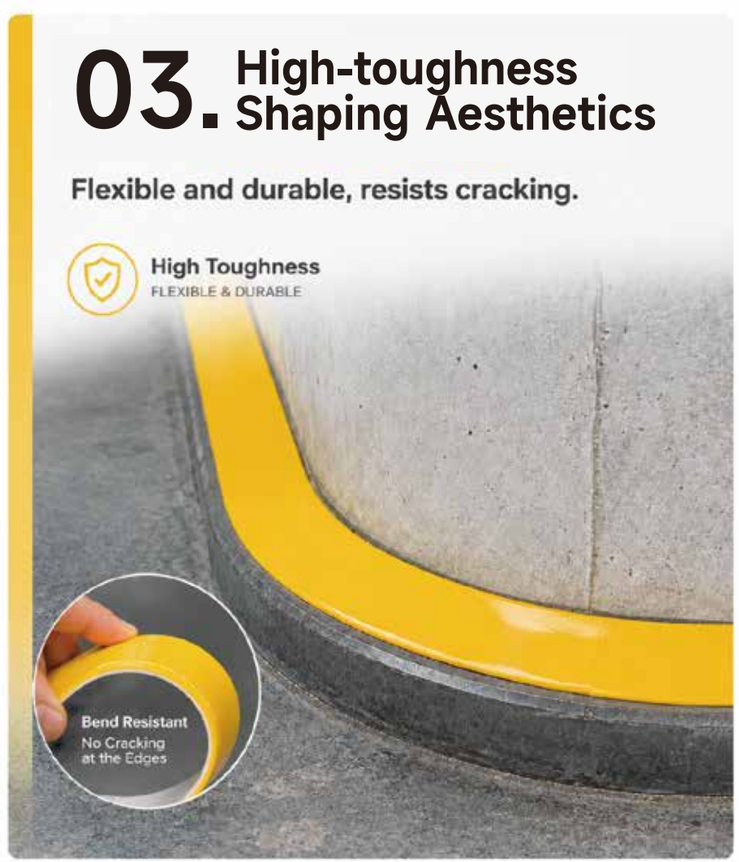
Instantly sticks, strong adhesion, no peeling at the edges.




Strong Adhesion FOR LONG-TERM USE | No Edge Curling FLAT AND SMOOTH | No Residue LEAVES NO MARKS

## 03. High-toughness Shaping Aesthetics

Flexible and durable, resists cracking.




Abrasion Resistant No Damage | High Load Capacity Strong Support | Long-Lasting Durability Stays Like New

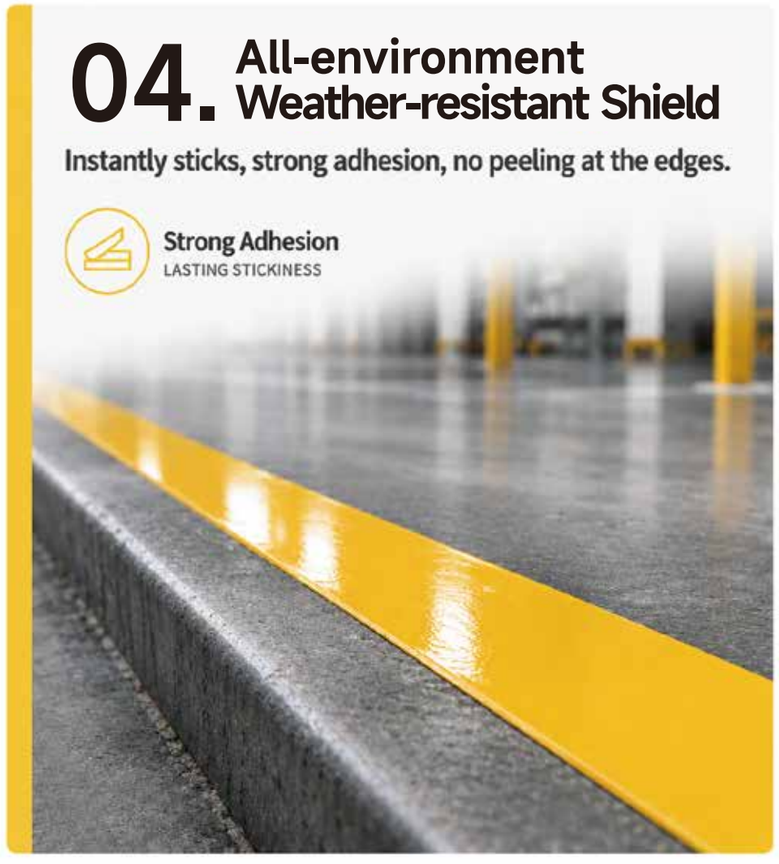
**Ultra Wear-Resistant | Strong Adhesion | High Aesthetics | Low Cost**
**The ultimate solution for factory floor marking!**

# PRODUCT FEATURES

**32 INDUSTRIAL-GRADE TESTS**
**LONG-LASTING WEAR RESISTANCE!**

## 04. All-environment Weather-resistant Shield

**Instantly sticks, strong adhesion, no peeling at the edges.**




Strong Adhesion — FOR LONG-TERM USE
No Edge Curling — FLAT AND SMOOTH
No Residue — LEAVES NO MARKS

## 05. Green & Durable

**Long-lasting, no odor, eco-friendly.**




Long-Lasting — Keeps Its Look
No Odor — Safe for Everyone
Cost-Effective — Economical Choice

## 06. High Cost-effectiveness

Compared with traditional coatings and other products, it offers higher value.




**Ultra Wear-Resistant | Strong Adhesion | High Aesthetics | Low Cost**
**The ultimate solution for factory floor marking!**

# QUALITY CONTROL

## 32 INDUSTRIAL-GRADE TESTS LONG-LASTING WEAR RESISTANCE!

### 01 SEVEN CORE ADHESION PERFORMANCE INDICATORS

1.Initial Tack (Rolling Ball Method)
2.Holding Power (Hanging Weight Test)
3.Peel Strength at 90° (Room Temp)
4.Peel Strength at 180° (Room Temp)
5.Peel Strength at 90° (Low Temp)
6.Peel Strength at 180° (Low Temp)
7.Residual Adhesive Test

### 02 FIVE ABRASION & MECHANICAL PERFORMANCE INDICATORS

8.Corrosion Resistance
9.Tensile Strength
10.Elongation at Break
11.Tear Strength
12.Surface Hardness

### 03 SIX ENVIRONMENTAL WEATHER RESISTANCE INDICATORS

13.Water Resistance
14. Oil Resistance
15.Acidic Environment Test
16.Alkaline Environment Test
17.Anti-aging Test
18.High-temperature Weather Resistance Test

### 04 SEVEN CORE ADHESION PERFORMANCE INDICATORS

19.Heavy Metal Content
20.Phthalate Content
21.PBB & PBDE Content
22.VOC Emission Test
23.UV Stability
24.Insulation Resistance
25.Voltage Resistance

### 05 FOUR APPEARANCE & OPTICAL PERFORMANCE INDICATORS

26.Color
27.Color Fastness
28.Retroreflection Coefficient
29.Glossiness

### 06 THREE DIMENSIONAL INSPECTION INDICATORS

30.Width
31.Thickness
32.Length

## 6 Key Performances | 32 Industrial-grade Tests
## Strong Adhesion | Long-lasting Durability

# AUTHORITATIVE TESTING

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

## Tested by Authoritative Third-party Labs
## Full-chain Quality Control

## Quality Leader












# APPLICATION SCENARIOS

**32 INDUSTRIAL-GRADE TESTS**
**LONG-LASTING WEAR RESISTANCE!**



### Automotive Manufacturing

Automotive Assembly | Safety Area Division



### Heavy Machinery

Equipment Manufacturing | Safety Protection



### Electronics 3C

Electronic Product Manufacturing | Safety Control



### Warehouse & Storage

Storage Management | Safe Operation



### Food & Beverage

Food Production | Personnel Safety Division



### Biopharmaceutical

GMP Manufacturing | Clean Area Management



### Chemical Industry

Chemical Production | Hazardous Area Control



### Apparel Manufacturing

Garment Production | Safety Management

## Passed extreme weather & chemical tests
## Ideal for complex factory floors.

# DOMESTIC CUSTOMER APPLICATION CASES

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!



### Automotive Manufacturing

Car Chassis | Parts Assembly | Safety Area Division



### Heavy Machinery

Equipment Manufacturing | Safety Protection



### Electronics 3C

Electronic Product Manufacturing | Safety Control




### Warehouse & Storage

Storage Management | Safe Operation



### Food & Beverage

Food Production | Personnel Safety Division



### Chemical Industry

Chemical Production | Hazardous Area Control

## Passed extreme weather & chemical tests
## Ideal for complex factory floors.

# GLOBAL CUSTOMER APPLICATION CASES

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!



### South VN

Dedicated aisle markings, improve traffic safety



### Thailand TH

Clear pedestrian guidance, prevent congestion.



### Malaysia MY

Protect perimeter areas, prevent collisions.




### Singapore SG

Clearly identify nonconforming areas, improve management.



### Dongguan KH

Mark storage areas, prevent stacking, improve efficiency.




### Myanmar MM

Keep passageways clear, ensure safety.

## Serving Southeast Asia, Europe, North America & the Middle East. Recognized by global customers!

# SELECTION REFERENCE GUIDE

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

## Thickness Recommendations

| No. | TYPICAL APPLICATION SCENARIOS | EXISTING BASE FLOOR TYPE | CORE PROCESS ZONES | RECOMMENDED TAPE THICKNESS |
|---|---|---|---|---|
| 01 | Heavy machinery processing & high-intensity heavy forklift long-term operation areas | Emery hardener floor | Heavy assembly / Structural welding zone | 1.6MM |
| 02 | Precision assembly & light parts continuous production line scenarios | Emery hardener floor | Precision assembly / Full quality inspection zone | 1.3MM |
| 03 | Automotive manufacturing & final assembly workshop traffic areas | Emery hardener floor | Welding & final assembly zones | 1.6MM |
| 04 | Daily chemical & personal care production filling & cleanroom material flow scenarios | Emery hardener floor | Aseptic filling / Finished product packaging zone | 1.3MM |
| 05 | Electronic chip component manufacturing & sensitive precision component transfer protection scenarios | Epoxy self-leveling floor | SMT placement / Chip testing zone | 1.3MM |
| 06 | All-category food deep processing conveying & cold chain logistics rapid turnover packaging | Emery hardener floor | Food processing / Low-temperature storage zone | 1.3MM |
| 07 | Injection molding high-temperature forming & heavy mold workshop personnel/equipment traffic areas | Emery hardener floor | Injection molding / Mold maintenance zone | 1.3MM |
| 08 | Bulk goods warehousing logistics & high-frequency forklift continuous traffic high-turnover areas | Emery hardener floor | High-bay racking / Logistics loading & unloading zone | 1.3MM |
| 09 | Logistics sorting & automated conveyor line areas | Emery hardener floor | Sorting & conveying zone | 1.3MM |
| 10 | Pharmaceutical full-process GMP cleanroom production & automated finished product sorting scenarios | PVC flooring | Pharmaceutical preparation / Finished product sorting zone | 1.1MM |

Note: For specific working conditions, please contact our business consultant for confirmation.

# SELECTION REFERENCE GUIDE

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

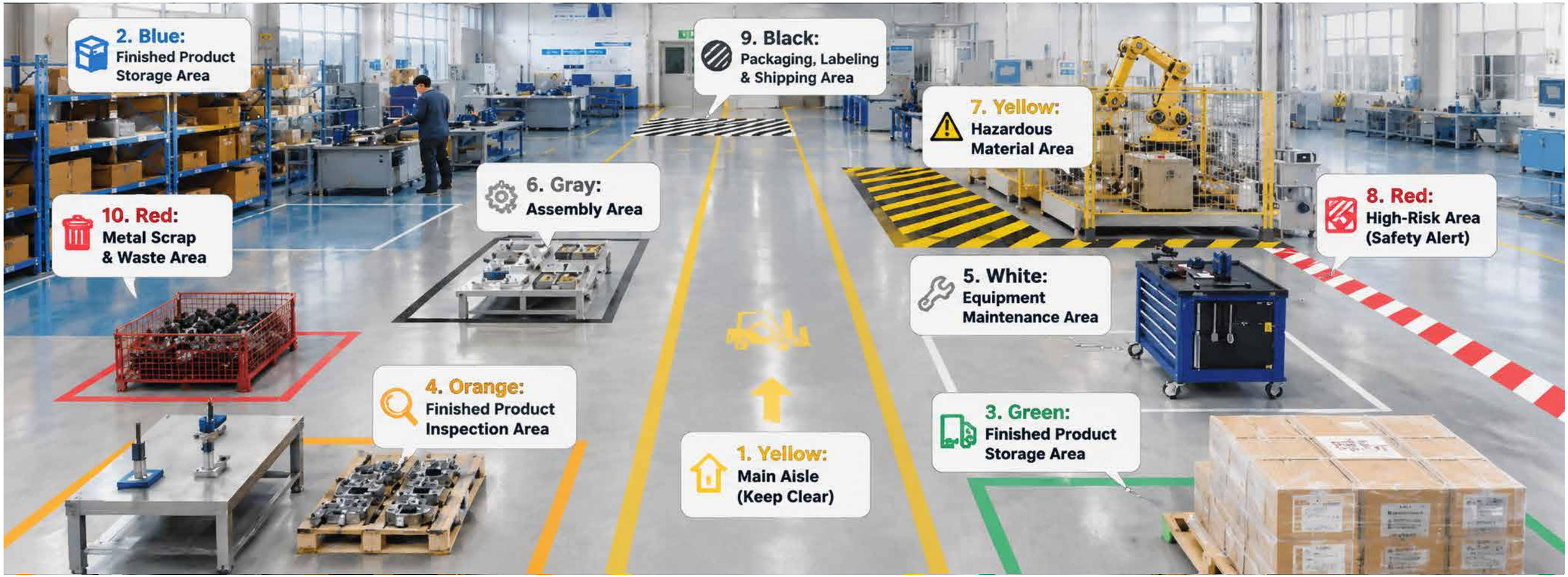
## Color Recommendations

| No. | STANDARD COLOR SYSTEM | RECOMMENDED WIDTH | PRODUCT IMAGE | ON-SITE APPLICATION & MANAGEMENT DESCRIPTION |
|---|---|---|---|---|
| 01 | **Industrial Warning Pure Yellow** | 100mm Corridor-level Width |  | Applicable to factory main roads and workshop main logistics corridors, specifically for core main paths with a width greater than 3000mm. |
| 02 | **Standard Functional Pure Yellow** | 80mm Standard Trunk Line Width |  | Used to divide connecting aisles between independent operation zones, main aisles inside large warehouses, and main traffic line boundaries in standard production areas under 3000mm. |
| 03 | **Precision Management Auxiliary Yellow** | 50mm Positioning Zone Width |  | Used for auxiliary pedestrian diversion lines, physical separation of team operations, warehouse secondary aisles, and fixed floor positioning management of production equipment and tooling carts. |
| 04 | **High-risk Control Warning Red** | 50mm Restricted Zone Isolation Width |  | Strictly defines areas where crossing is absolutely prohibited, including fire extinguishing equipment access areas, fixed high-temperature heat sources, and hazard isolation radii of operating equipment. |
| 05 | **Safety Interaction Diagonal Stripe Warning** | 50mm Key Protection Width |  | Uses alternating yellow and black diagonal stripes for scenarios with obstructed sightlines, such as protruding floor obstacles, step edges, and logistics elevator corners. |
| 06 | **Exclusive Green for Quality-Passed Areas** | 50-100mm Quality Control Zone |  | Dedicated to dividing storage areas for QA-passed finished products, clearly distinguishing good products from pending inspection products, and establishing intuitive visual management boundaries for quality status. |
| 07 | **Scenario-based Custom Colors** | Flexible Adaptable Width |  | Used for prompts in special scenarios such as corporate brand LOGO display areas and anti-static sensitive operation areas. Customized design of color and width can be made according to actual precision management needs. |

Note: For specific working conditions, please contact our business consultant for confirmation.

# CROSS-SCENARIO OVERVIEW

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!




**Ultra-durable, High-adhesion, Aesthetic & Cost-effective.**
**Solves factory line-marking pain points!**

# ULTRA ABRASION-RESISTANT YELLOW TAPE (GENERAL APPLICATION SCOPE)

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!









# ULTRA ABRASION-RESISTANT WHITE RED TAPE (GENERAL APPLICATION SCOPE)

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!




## APPLICATION SCENARIOS

in Logistics Aisle | Main Walkway | Visitor Walkway | Zone Marking | Production Area | Storage Zone | Material Staging Area | Quality Control Area

# CONSTRUCTION GUIDANCE

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

Qualified Products

Unqualified Products

Pending Area

Tooling Area

**适用场景：**

- Qualified Products
- Unqualified Products
- Pending Area
- Tooling Area

# OTHER CUSTOM FLOOR STICKERS

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!



## 01 Arrow Directional Tape
For aisle wayfinding and traffic flow.



## 02 Footprint Queue Tape
For queueing and crowd control.




## 03 Area Demarcation Tape
For material, tool, and product zones.



## 04 Warning Stripe Tape
For hazard reminders and boundary warnings.




## 05 Text Sign Tape
For messages like "No Stacking" and "Caution".




## 06 Custom LOGO Tape
For branding, welcome signs, and corporate image.




**Support Customization**
Color, Pattern, Logo, Size & More

Abrasion Resistant | Waterproof & Oil-Resistant | Strong Adhesion | Safety Compliance

# CONSTRUCTION GUIDANCE

**32 INDUSTRIAL-GRADE TESTS**
**LONG-LASTING WEAR RESISTANCE!**

01 

## Material Inspection

Check tools and test samples for compliance

01

02 

## Surface Treatment

Clean and degrease the surface for better adhesion

02

03 

## Laser Positioning

Accurately locate and mark key positions

03

04 

## Precision Taping

Apply tape along the marked lines accurately

04

05 

## Edge Processing

Trim edges and press firmly

05

06 

## Quality Check

Inspect for air bubbles, and ensure proper adhesion

06

**Peel & Stick | Easy Install | DIY Friendly**

# CUSTOMER GROUPS

**32** INDUSTRIAL-GRADE TESTS
LONG-LASTING WEAR RESISTANCE!

## EQUIPMENT

章鼓 ZHANG GU
皇珈叉车
震环机床 Z-MaT
达技实业 TARGET tgmachine.com

## FOUNDRY

铭利达 MINGLIDA
文轩热能 Winshare Thermal
桐林铸造 TONGLIN CASTING
沃达动力 Worldpower 滨州沃达动力有限公司

## TEXTILE & DYEING

美欣达
得伟科技
华光 HGACN
道远纺织

## APPAREL & FOOTWEAR

浙江高圣服饰有限公司 Gold Top
万龙科技 WANLONGSYS
杉杉 FIRS
报喜鸟 SAINT ANGELO

## POWER & ELECTRICAL

天宇电气 TIANYU ELECTRIC
西创电工 CYLON
威腾电气 WETOWN ELECTRIC
中国西电

## Wiring & Cable

浙江亚通新材料 Zhejiang YaTong Advance
锐创能源
乔浦线缆 WIPOUS
常丰线缆有限公司 Changfeng Wire & Cable Co., Ltd.

## MACHINING

无锡专件 WUXIZHUANJIAN
浙螺科工
岭峰气枪 SNOWPEAK
百润轴承 BARON

## Motors & Controls

卧龙电驱 WOLONG Power your future
英博尔 Enpower
赛普 Saipu
祝尔慷电机 ZRK ZHUERKANG

## Pumps & Valves

吴忠仪表
南通电站阀门 RF
PERFECT
阳泉阀门股份有限公司

## Electronics & 3C

南通电站阀门 RF
科博乐 CCBA
三喜电子 SAX
凯而高实业 KEG INDUSTRIAL

## PRINTING & PACKAGING

MYS 美盈森集团股份有限公司
印玛斯集团 INMAS SUNSHINE
亿通 ITONG 国家高新技术企业
温州康田包装有限公司 Kintan

## FOOD & BEVERAGE

小洋人 XIAOYANGREN
大咖国际 DAKA INTERNATIONAL

## FASTENERS

裕泰 YUTA
浙江天力机车部件有限公司
诺金 NJG ELECTRIC

## AUTO PARTS

金钟股份 JZ JINZHONG CO., LTD
恒伟林 HENG WEI LIN
宏波承

## SHEET METAL & STAMPING

震裕科技 ZHENYU TECHNOLOGY
EFFICIENT PROFILE 亿创特智能
ZEB 卓尔博精密机电

## MOLDING & EXTRUSION

HIGA 万朗磁塑
亿通塑胶 ITONG PLASTIC
MIMO 米莫

## FURNITURE & HOME

SINOMAX 赛诺
2平米 智慧学习桌
bigwood 大木

## HOME APPLIANCES

台铃
宇牌 YUPAI
华羿微电 HUAYI MICROELECTRONICS

## HEAVY INDUSTRY

S&L 双龙集团 SHUANGLONG GROUP
华纳集团 WINNER
耐德工业 ENDURANCE

## OTHERS

安拓普聚合物 ATPolymer
海古德
瀚驭弹簧 Y·U·SPRING

## Trusted by Global Industry Leaders

# CONTACT US

**32 INDUSTRIAL-GRADE TESTS LONG-LASTING WEAR RESISTANCE!**

### Expert Full-Scope Diagnostic Consultation

Free On-site Survey: Senior consultants analyze your production flow and provide a compliant marking redesign proposal.

### Expert Full-Scope Diagnostic Consultation

Free Sample Pack: Try our full Dualion tape series. Conduct on-site wear & stain tests to verify long-term performance in complex conditions.

### Industrial Scenario-Specific Visual Customization

Customization: Custom brand colors, special slitting sizes, and exclusive safety patterns to perfectly fit your Lean 6S management.

- Full-lifecycle Floor Marking Solutions: From on-site surveys to long-term maintenance, empowering standardized on-site safety management.


National Service Hotline
+86 13918949199
(24/7 Online Support)

Dualion Industrial Wear-resistant Tape
Scan the QR code to follow our Video Channel

Office Address
6F, Bldg 3, No. 375 Xiwang Rd, Jiading, Shanghai

# THANKS

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