MAGIC CUBE
ACOUSTIC MATERIALS

Sport and Fitness Flooring



Cardio&Strength

Corss Fit

Free weight

Resilient, durable, sound absorbent.

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Rubber Roll

Rubber Roll is a tough, durable rubber flooring material, which is made from recycled rubber and EPDM granules bonded with PU Polymer. It has significant elasticity and skid resistance, and can provide a safe and comfortable sports, working and living environment for the majority of users.



Attributions

★Shock and sound absorption
★High density, high wear resistance
★Flexible, not easy to break or crack
★Eco-friendly, non-toxic

Specification

Thickness	Width	Length	Color
3/4 mm(+/- 0.3mm)	1m/1.25m	20m	Multi colors
5/6/8/10mm(+/- 0.3mm)	1m/1.25m	10m	Multi colors

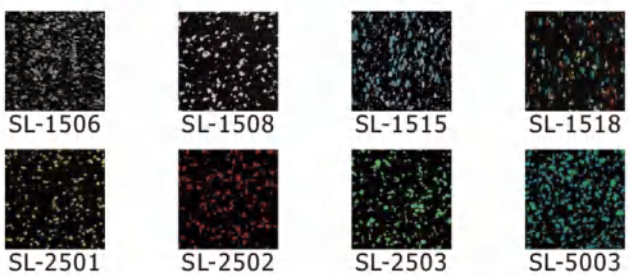
Technical information

Physical characteristics	Test method	Result
Tensile strength	ISO 1798:2008	3210KPA
Elongation at break	ISO 1798:2008	130%
Friction coefficient	D1894-14	Dry type 1.02(S=0.031) Wet type 1.04(S=0.035)
Slip friction resistance	CNS 3217(1982)	0.556
Attrition resistance (Taber H-18.1000g,1000turn) (g)	CNS 6483-1993	0.56
Tensile modulus(%)	CNS 6483-1993	53
Heatconductivity(W/mK) (Average temperature:30±5°C)	ASTM C518-02	0.11

Application

★Shopping mall
★Office
★Children's playground
★Gym
★Museum
★Hotel

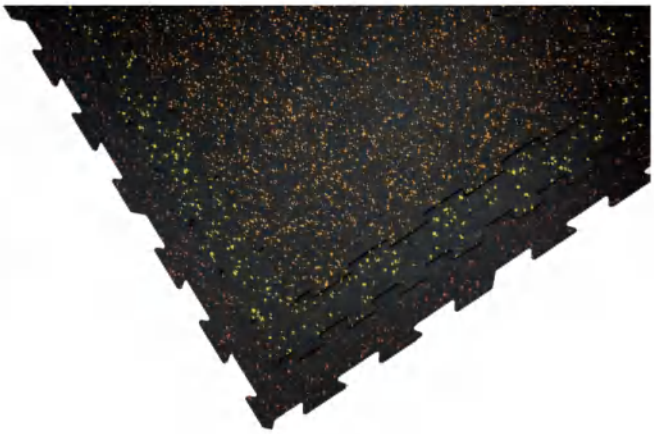
Color chart



Interlock Mat

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Interlock mat is made from recycled rubber and EPDM granules bonded with PU Polymer, and cut by laser cutting mold into interlock mats in different sizes. It's designed for fast installation and easy removing or replacement.



Attributions

★Easy installation
★Good skid resistance
★Easy to cut by cutting knife
★Multi colors

Specification

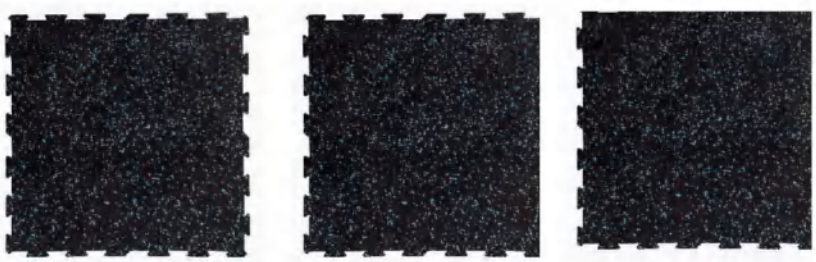
Thickness	Size	Density
5/6/8/10/12mm(+/- 0.3mm)	51cm*51cm, 55cm*55cm 61cm*61cm, 100cm*100cm	1100~1200kg/m^3

Technical information

Physical characteristics	Test method	Result
Tensile strength	ISO 1798:2008	3210KPA
Elongation at break	ISO 1798:2008	130%
Friction coefficient	D1894-14	Dry type 1.02(S=0.031) Wet type 1.04(S=0.035)
Slip friction resistance	CNS 3217(1982)	0.556
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Tensile modulus(%)	CNS 6483-1993	53
Heatconductivity(W/mK) (Average temperature:30±5°C)	ASTM C518-02	0.11

Application

★Library ★Sanatorium
★Museum ★Office
★Store
★Playground
★Hotel、KTV
★Transportation equipment



Center Border Corner

Rubber Tile

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Rubber tile is made of high wear-resistant and environmental-friendly elastic mats and environ mental-friendly recycled rubber particles produced by high temperature and high pressure.



Attributions

★Shock and sound absorption
★High density, high wear resistance
★Flexible, not easy to break or crack
★Eco-friendly, non-toxic

Specification

Thickness	Size	Color
15-30mm	500mm*500mm 1000mm*1000mm	Top layer: see the color chart Bottom: multi color or black
15-50mm	500mm*500mm	

Notes: Dimension tolerance: length and width: ±1%, thickness: ±0.5mm

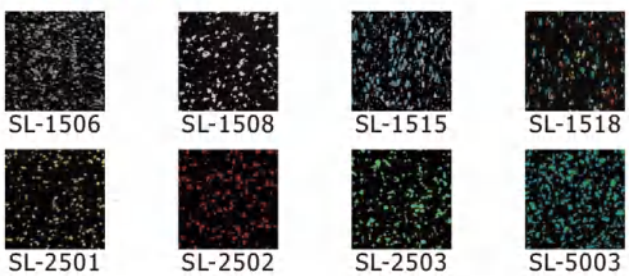
Technical information

Physical characteristics	Test method	Result
Tensile strength	ASTM D882-02	Appr.×1.38Mpa
Elongation at break	ASTM 882-02	> 150%
Anti-pressure load(kgf)	100T Testing machine	23706 (25mm rubber tile)
Temperature resistance		-40℃ to 100℃
Impact sound pressure level(E492)		> 50dB
Combustible index	DIN 4102-14:1990	B2&B1
Average critical radiant flux Average smog value		3.5Kw/m² 410%.min

Application

★Shopping mall
★Office
★Children's playground
★Gym
★Museum
★Hotel

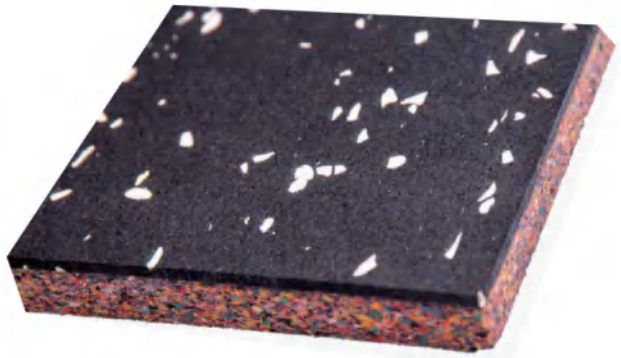
Color chart



RF Laminated Tile

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RF laminated rubber tile is an innovative product that combines durable and colourful rubber flooring top layer with the acoustic underlayer for superior sound absorption and shock absorption.



Attributions

★Shock and sound absorption
★High density, high wear resistance
★Flexible, not easy to break or crack
★Eco-friendly, non-toxic

Specification

Item	Thickness	Size
RF Laminated Tile	15mm-20mm	50cm*100cm 100cm*100cm

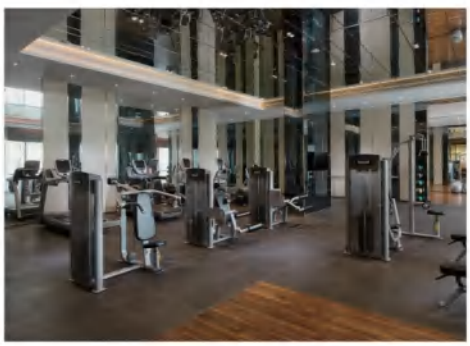
Notes: Dimension tolerance: length and width:±1%, thickness:±1mm

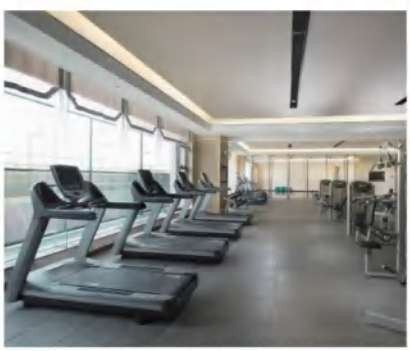
Technical information

Physical characteristics	Test method	Result
Tensile strength	ASTM D882-02	Appr.× 1.38Mpa
Shore A Hardness		40~60
Elongation at break	ASTM 882-02	> 150%
Temperature resistance		-40°C to 100°C
Combustible index	DIN 4102-14:1990	B2 & B1

Application

★Kindergarten
★Gym
★Children's Playground
★KTV
★Places requested for high safety factors





Treadmill Mat

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Treadmill mat is made of recycled rubber granules into high-density, anti-slip mat used under fitness machines. Different sizes can be customized to fit different kinds machines for effective shock and vibration reduction.



Specification

Size	Thickness
65cm*120cm	4mm-6mm
80cm*250cm	
84cm*187cm	
100cm*200cm	
105cm*230cm	
Application	Under exercise machine

Remarks:
1. Refer to color card for options;special colors can be customized.
2. Special size can be customized.
3. Logo printing on mat can be customized.

Attributions

★Effective to reduce the vibration of machines, avoid damage to the floor
★With excellent slip-resistance, prevent the machines from moving when operate
★Efficient to reduce the noise from operating machines

Technical information

Physical characteristics	Test method	Result
Tensile strength	ISO 1798:2008	3210KPA
Elongation at break	ISO 1798:2008	130%
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