TopJoy
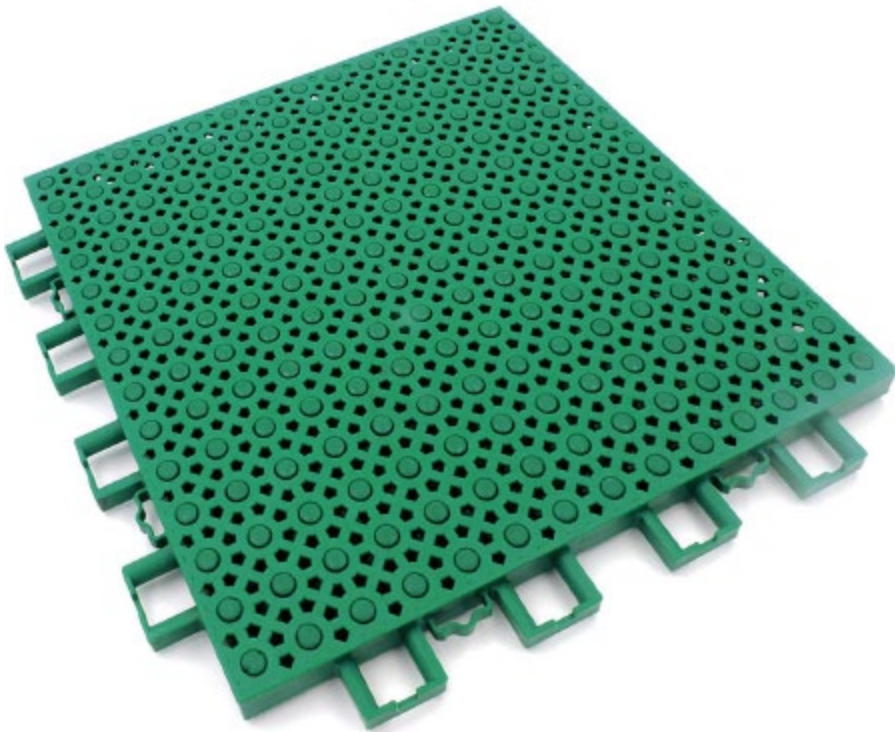
INTERLOCKING TILE
FOR INDOOR & OUTDOOR SPORTS COURT

DOUBLE BUFFER PATTERN

Dimension: 250×250×16.6(mm)

Application: Indoor/outdoor basketball court; Cage football court, volleyball court, tennis court, badminton court; Kindergarten playground, etc…


Elastic surface   Elastic bottom

The advantages of double buffer pattern

1、 PP stable frame with 196 pcs suspended balls bring anti-slip surface and make players feel better on foot.

2、 All directions cushioning, reach shock absorption up to 30%.

3、 TPE material with Ucker type touch down Frame, can reduce the movement of the sport court.

4、 Both PP tiels and suspended ball, all color can be customized.

BUSHING FRAME PATTERN
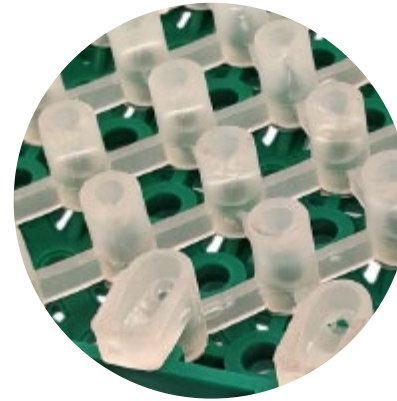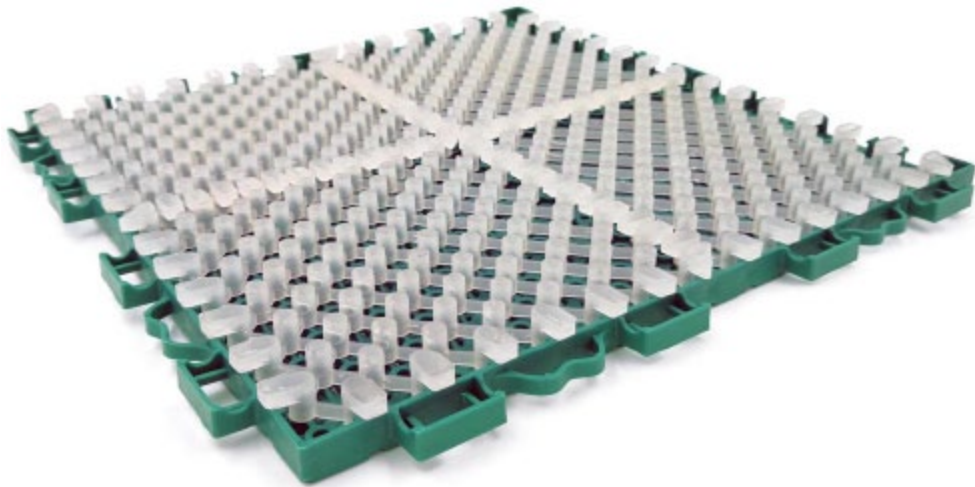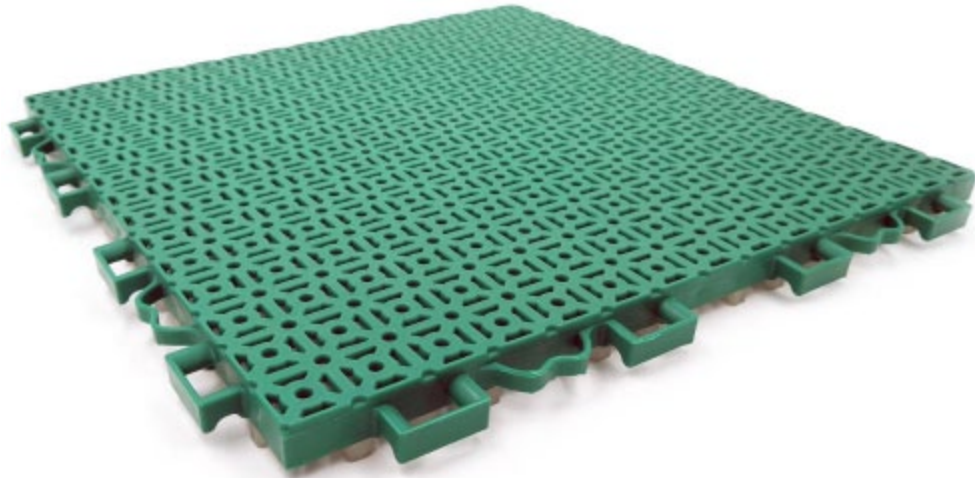
Dimension: 300×300×17(mm)

Frame: A tile averagely supported by 196 pieces of soft bushing feet, and each square is filled by 3,136 pieces of soft bushing feet.

Features: Elastic structure can reduce the movement of court and achieve the 30% shock absorption.

Application :   Indoor/outdoor basketball court, Cage football court, volleyball court, tennis court, badminton court, etc...
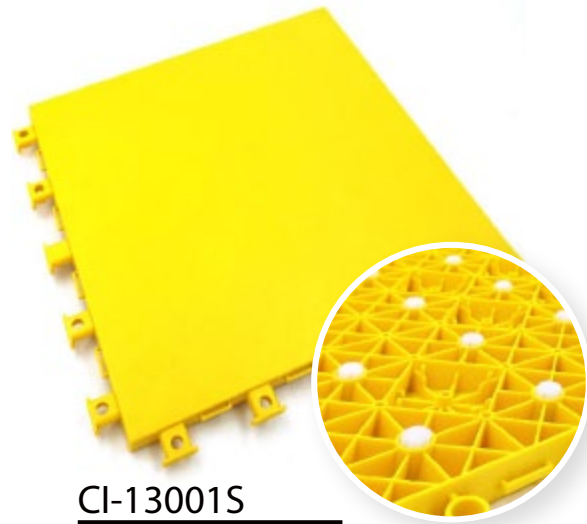
SHOCK PAD PATTERN
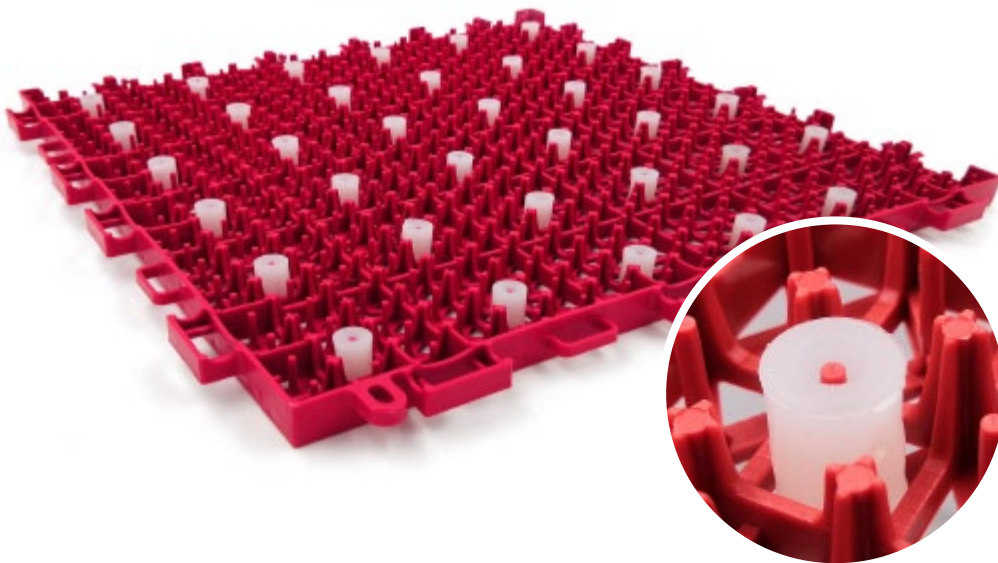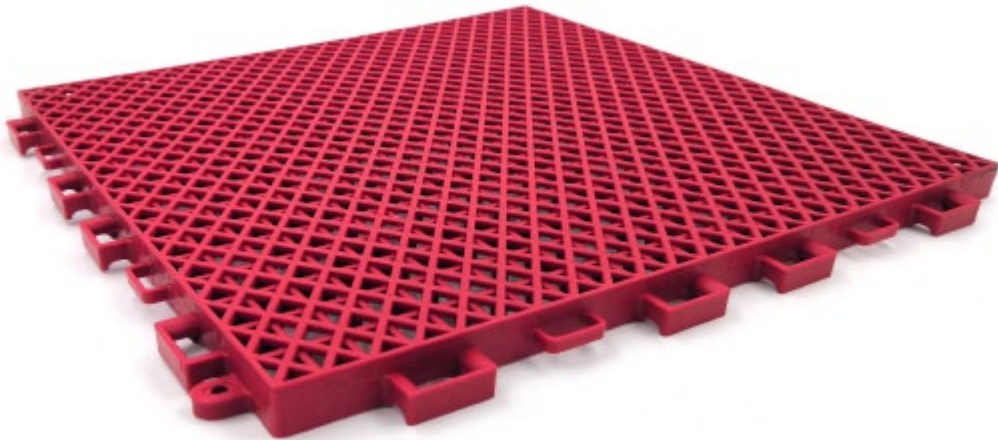
Dimension: 304.8×304.8×17.3(mm)

Shock Pad Quantity: Optional from 36, 48, 72 pieces for each tiles.

Features: Elastic structure can reduce the movement of court and achieve the 28% shock absorption.
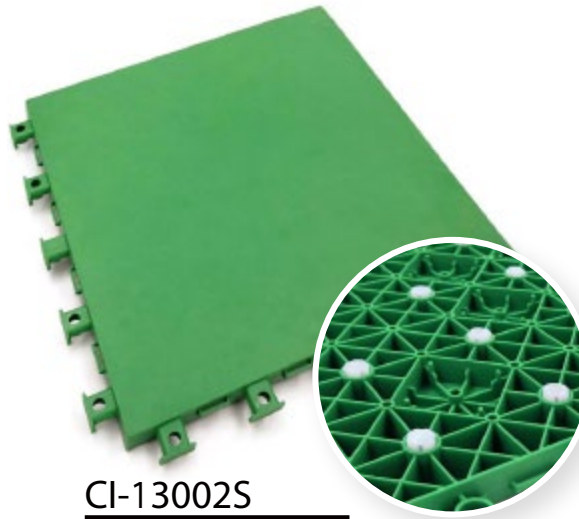
Application: Indoor/outdoor basketball court; Cage football court, volleyball court, tennis court, badminton court.
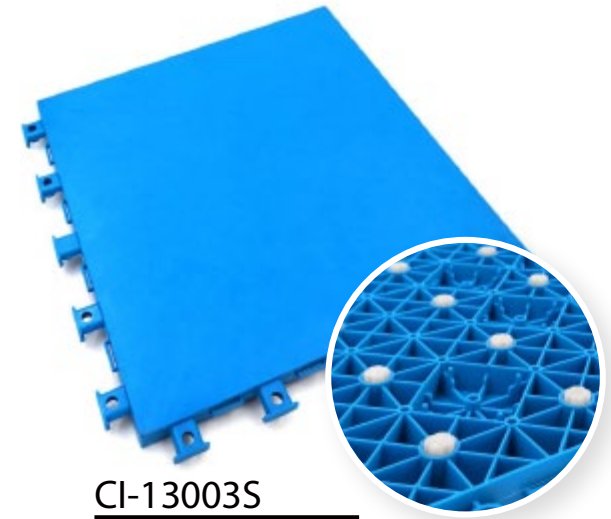
INTERLOCKING WITH SHOCK PAD

CI-13001S
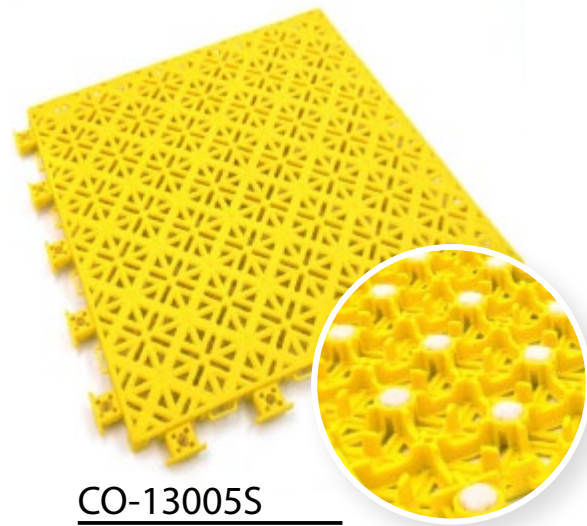
Tile Size: 304.8×304.8mm
Thickness: 14mm

CI-13002S
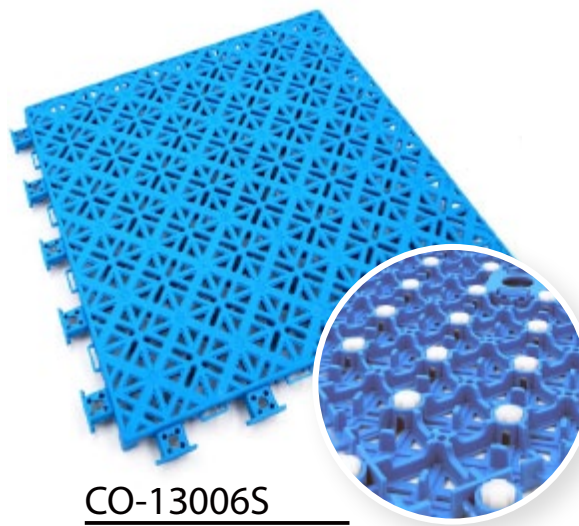
Tile Size: 304.8×304.8mm
Thickness: 14mm

CI-13003S

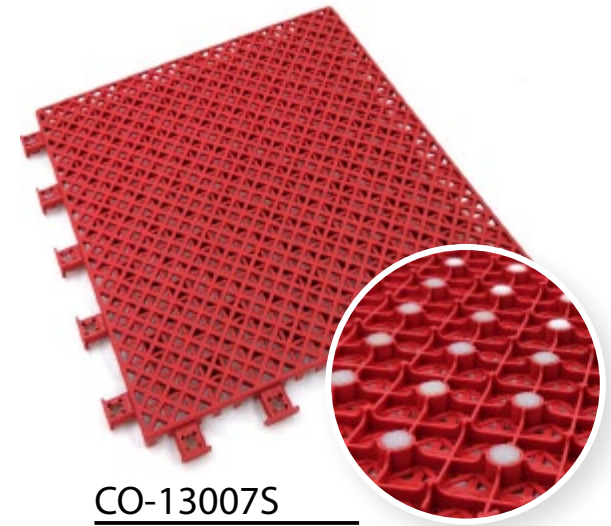Tile Size: 304.8×304.8mm
Thickness: 14mm

CO-13005S

Tile Size: 304.8×304.8mm
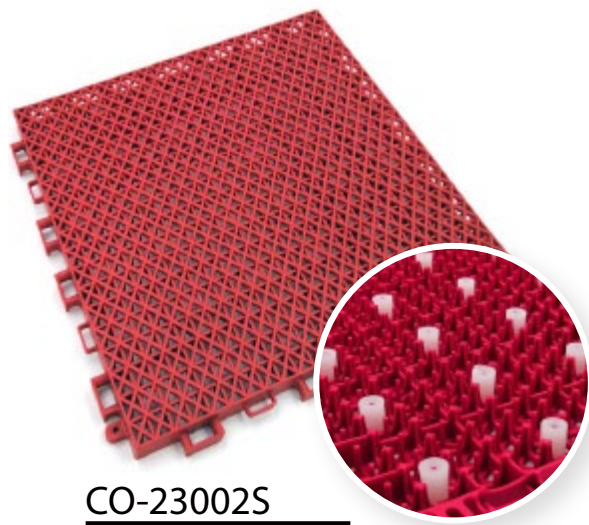Thickness: 14mm

CO-13006S

Tile Size: 304.8×304.8mm
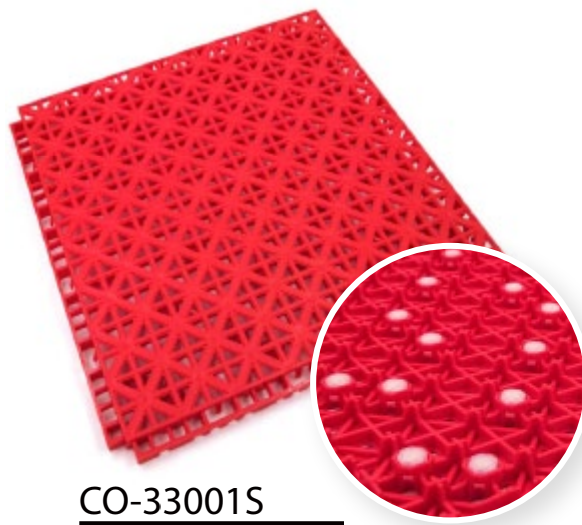Thickness: 14mm

CO-13007S

Tile Size: 304.8×304.8mm
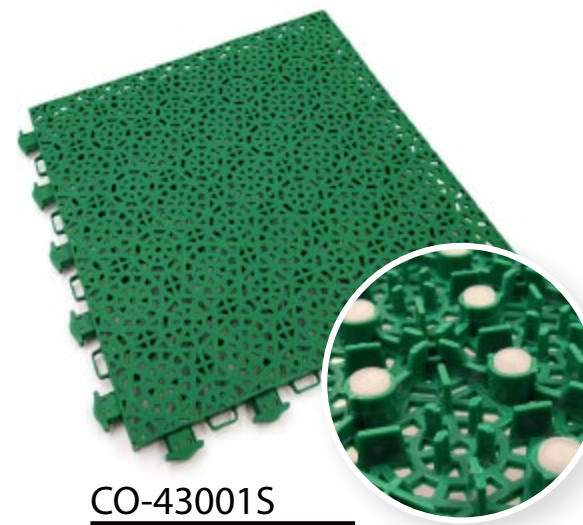Thickness: 14mm

INTERLOCKING WITH SHOCK PAD

CO-23002S

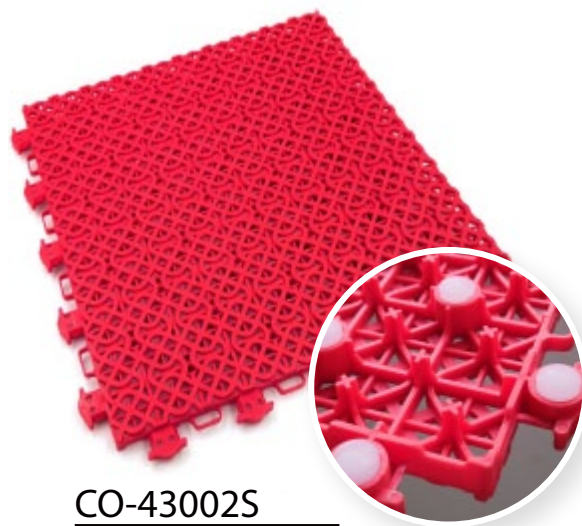Tile Size: 304.8×304.8mm
Thickness: 17.3mm

CO-33001S
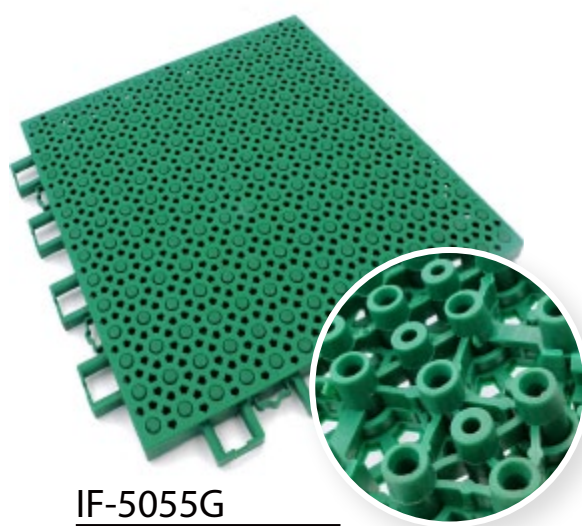
Tile Size: 304.8×304.8mm
Thickness: 14mm
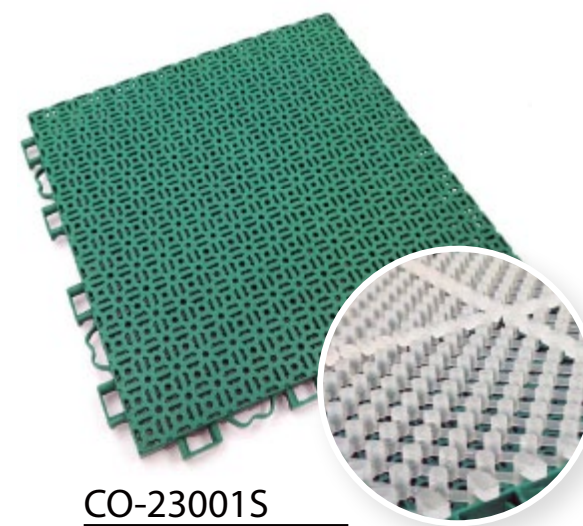
CO-43001S

Tile Size: 304.8×304.8mm
Thickness: 14mm

CO-43002S

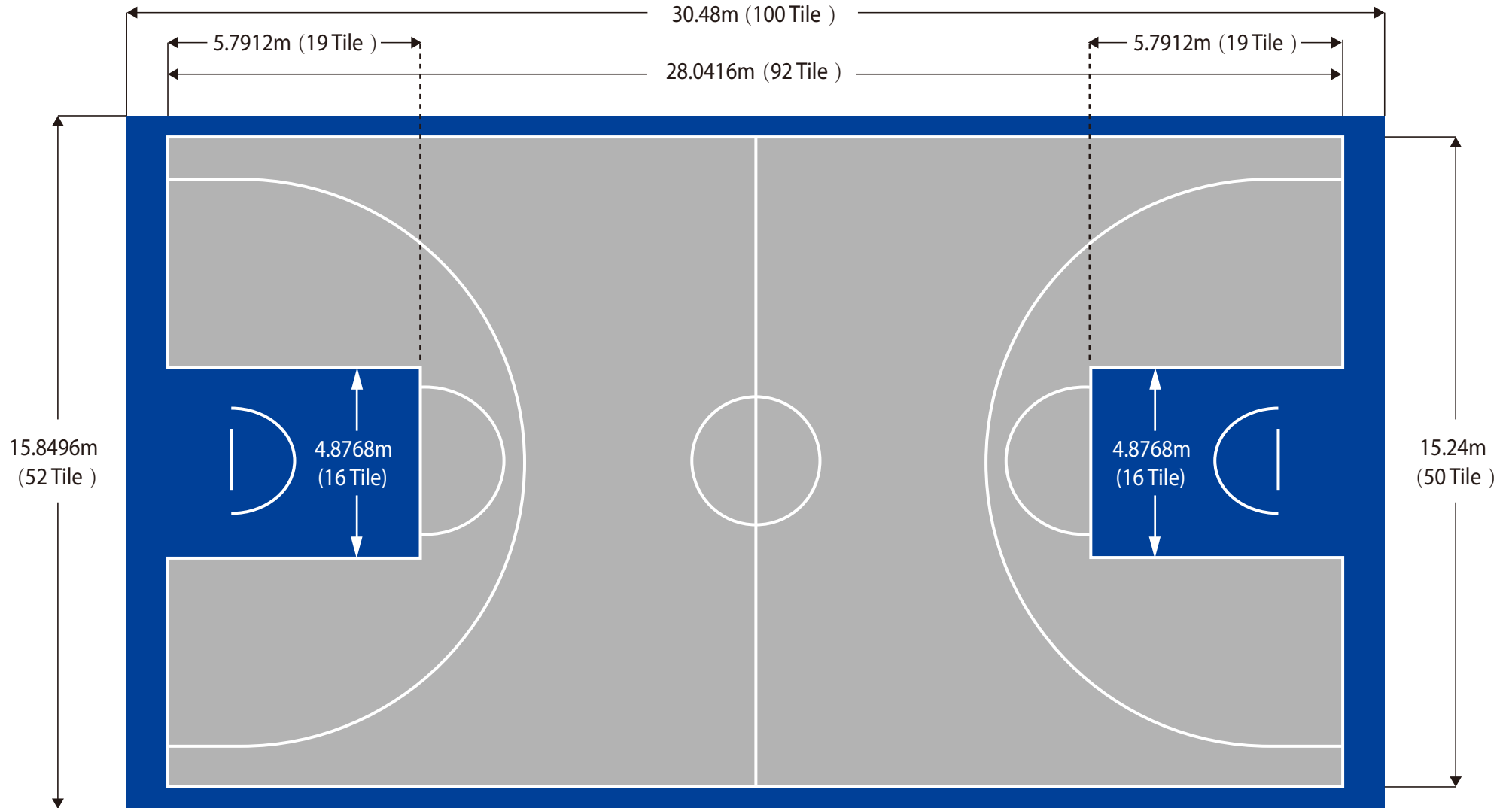Tile Size: 304.8×304.8mm
Thickness: 14mm

IF-5055G
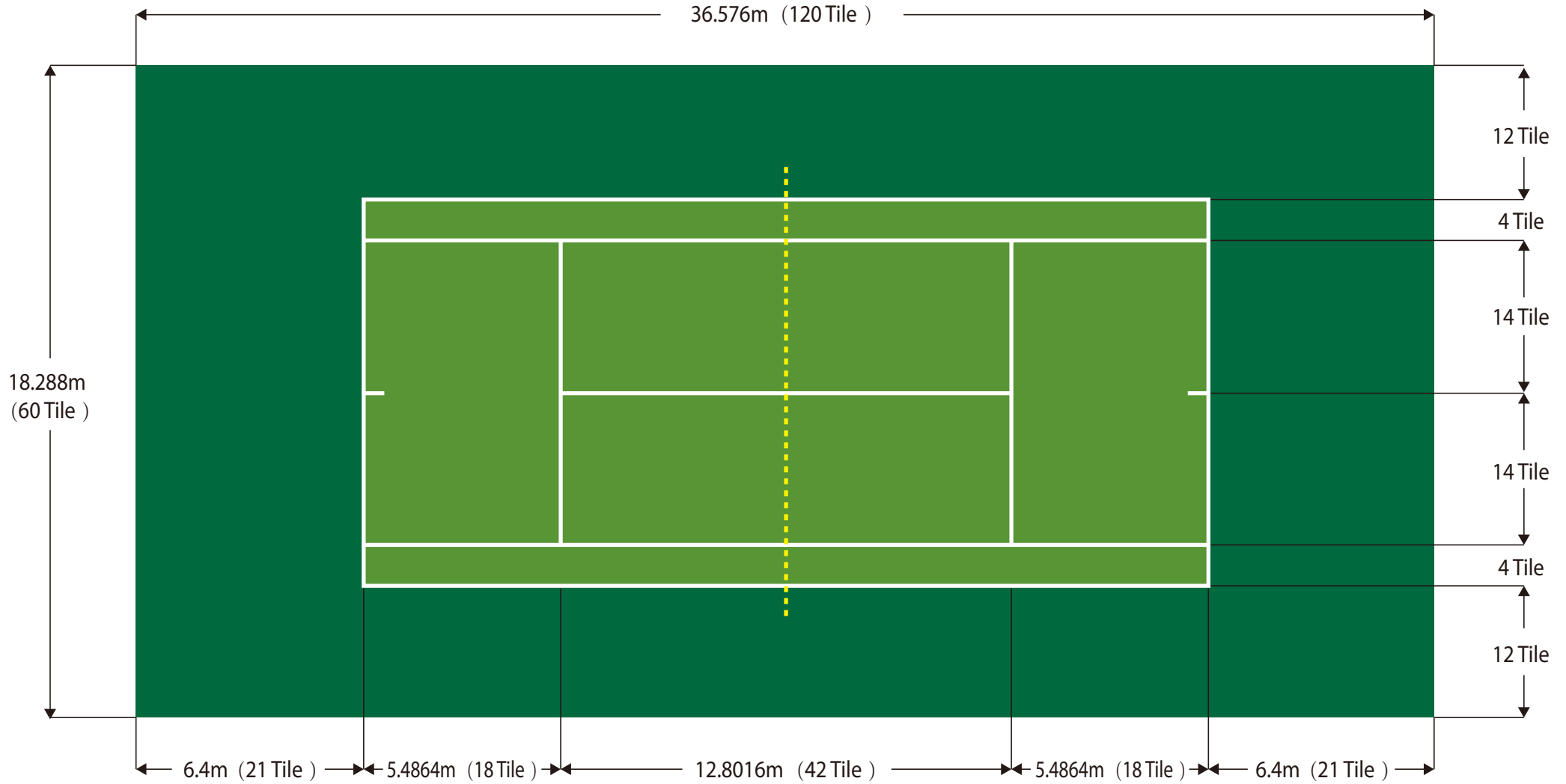
Tile Size: 250×250mm
Thickness: 16.6mm

CO-23001S

Tile Size: 300×300mm
Thickness: 17mm

15.24m×30.48m FIBA Basketball Court

30.48m（100 Tile）

5.7912m（19 Tile）

28.0416m（92 Tile）

5.7912m（19 Tile）

15.8496m
（52 Tile）

4.8768m
(16 Tile)

4.8768m
(16 Tile)

15.24m
（50 Tile）

Tile Size: 304.8×304.8mm
All Lines are Painted

18.288m×36.576m Tennis Court

36.576m（120 Tile）

12 Tile

4 Tile

14 Tile

18.288m
（60 Tile）

14 Tile

4 Tile

12 Tile

6.4m（21 Tile） 5.4864m（18 Tile） 12.8016m（42 Tile） 5.4864m（18 Tile） 6.4m（21 Tile）
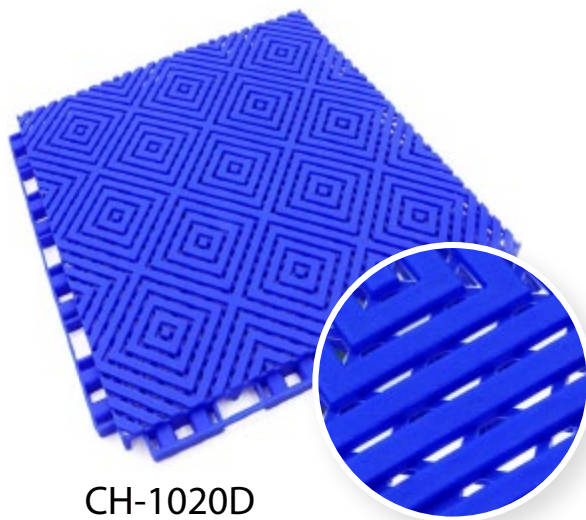
Tile Size: 304.8×304.8mm
All Lines are Painted

7
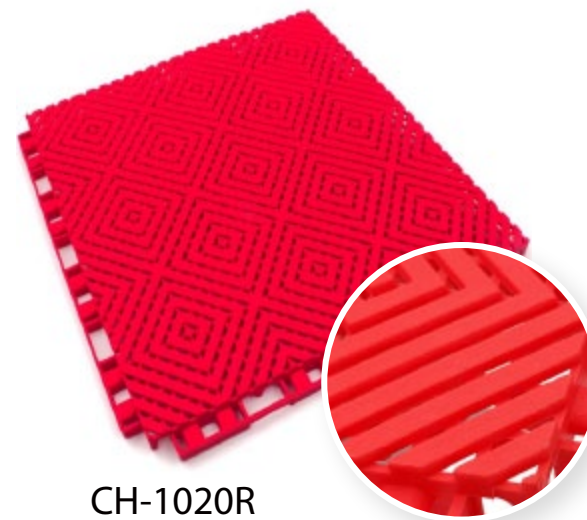
FOR OUTDOOR SPORTS COURT
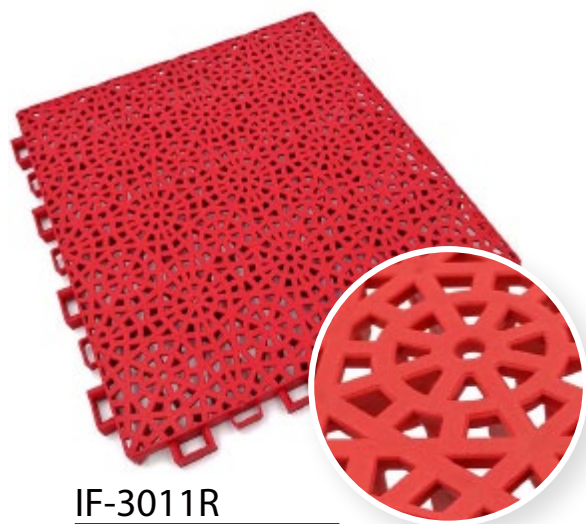
CH-1020B
Tile Size: 250×250mm
Thickness: 12mm
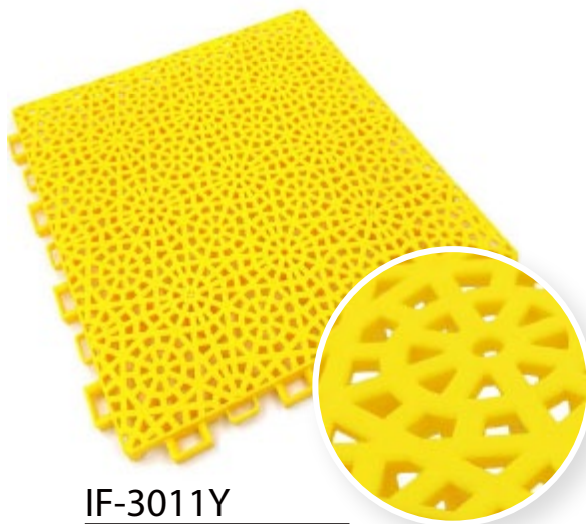
CH-1020D
Tile Size: 250×250mm
Thickness: 12mm

CH-1020R
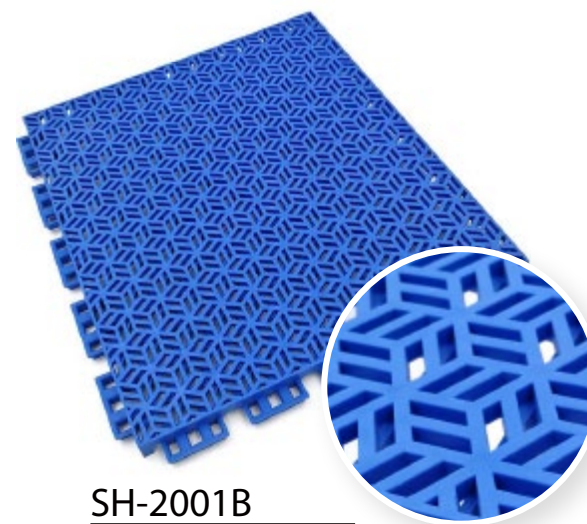Tile Size: 250×250mm
Thickness: 12mm

IF-3011R
Tile Size: 300×300mm
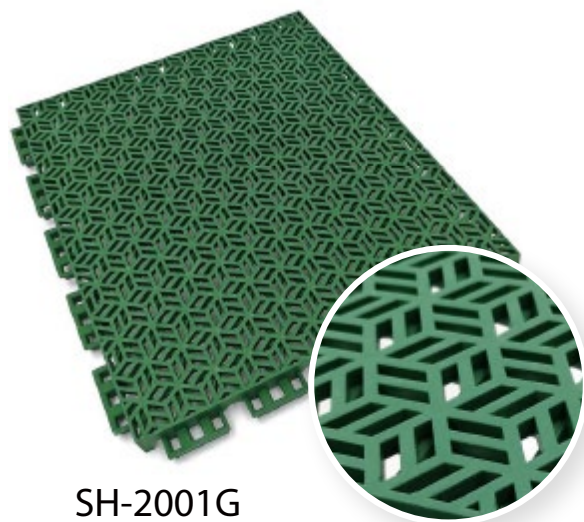Thickness: 13mm

IF-3011Y
Tile Size: 300×300mm
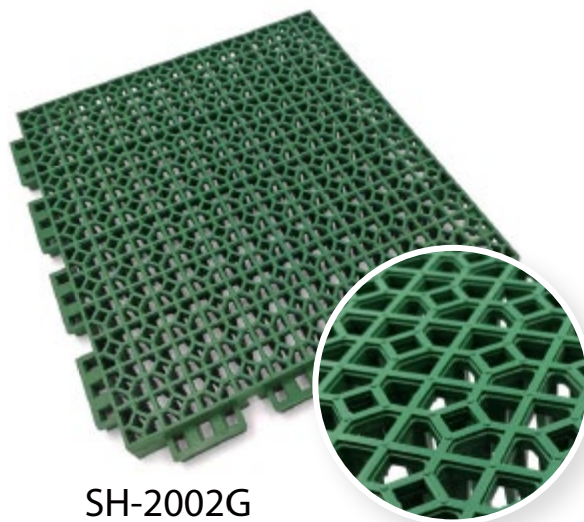Thickness: 13mm

SH-2001B
Tile Size: 250×250mm
Thickness: 13mm
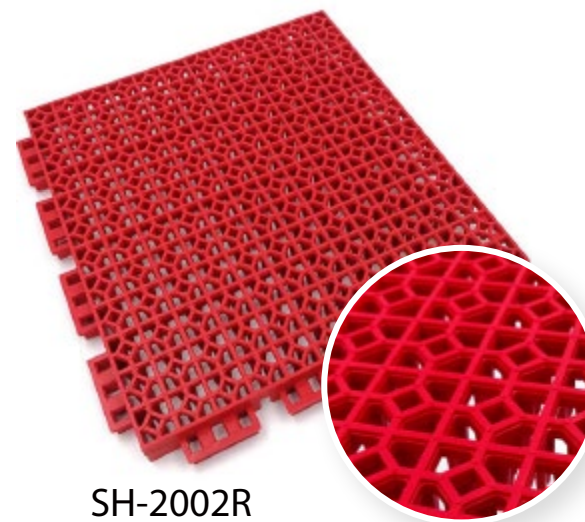
FOR OUTDOOR SPORTS COURT

SH-2001G

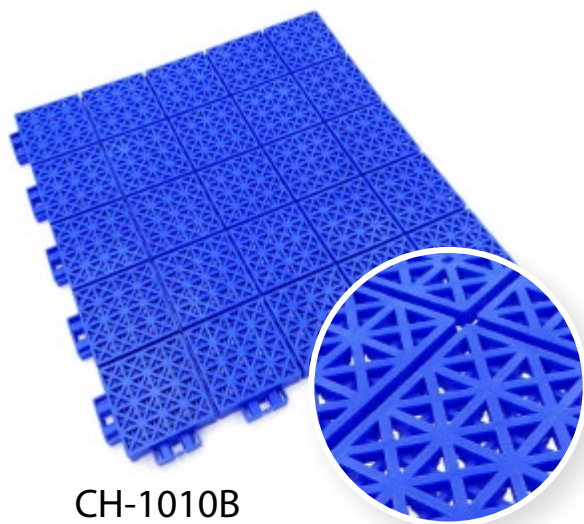Tile Size: 250×250mm
Thickness: 13mm

SH-2002G

Tile Size: 304.8×304.8mm
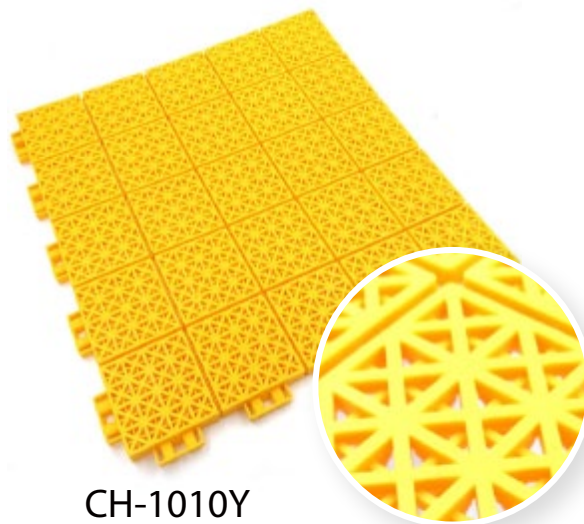Thickness: 19mm

SH-2002R

Tile Size: 304.8×304.8mm
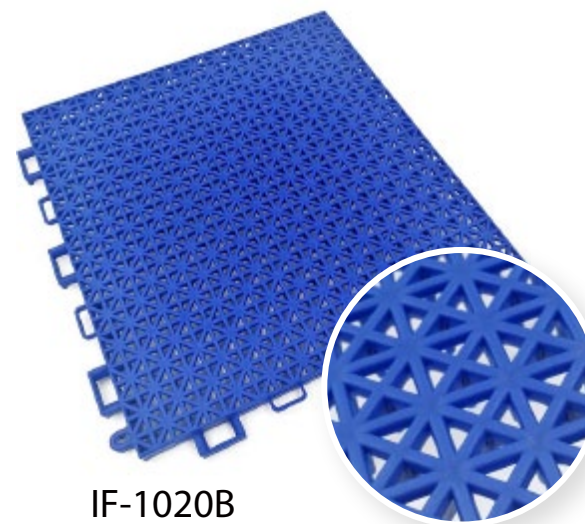Thickness: 19mm
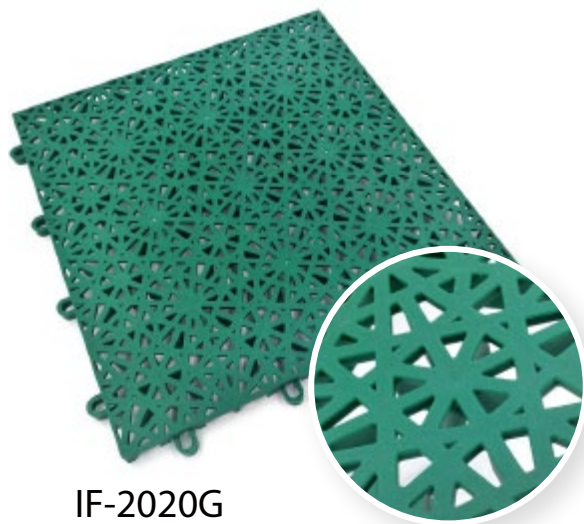

CH-1010B

Tile Size: 400×400mm
Thickness: 15.8mm

CH-1010Y

Tile Size: 400×400mm
Thickness: 15.8mm

IF-1020B

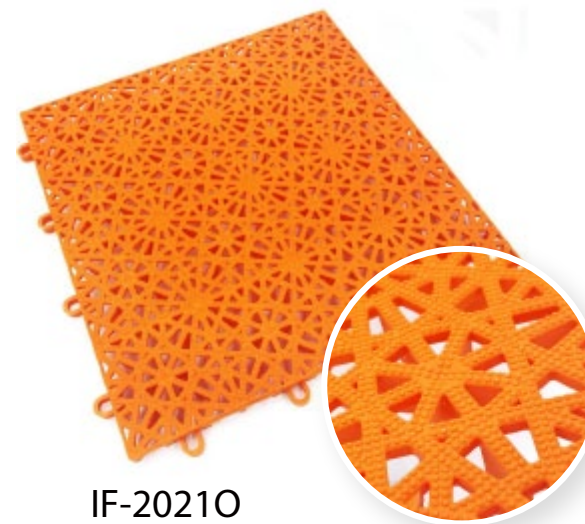Tile Size: 304.8×304.8mm
Thickness: 15.8mm

FOR OUTDOOR SPORTS COURT
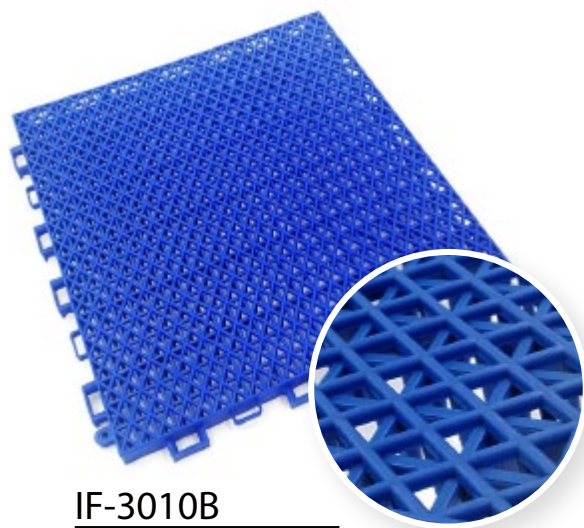

IF-2020G

Tile Size: 300×300mm
Thickness: 13mm

IF-2021H

Tile Size: 300×300mm
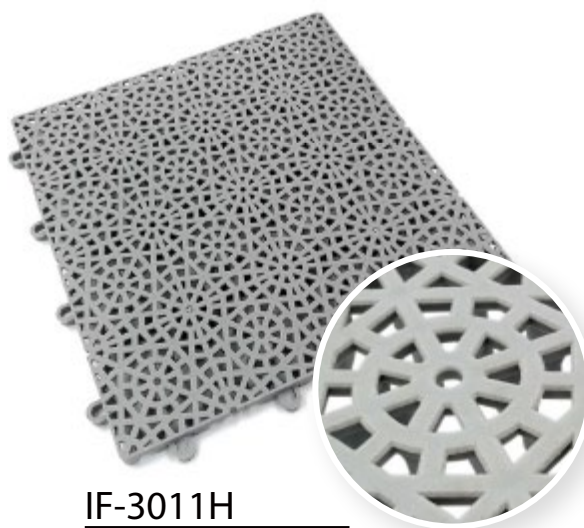Thickness: 13.7mm

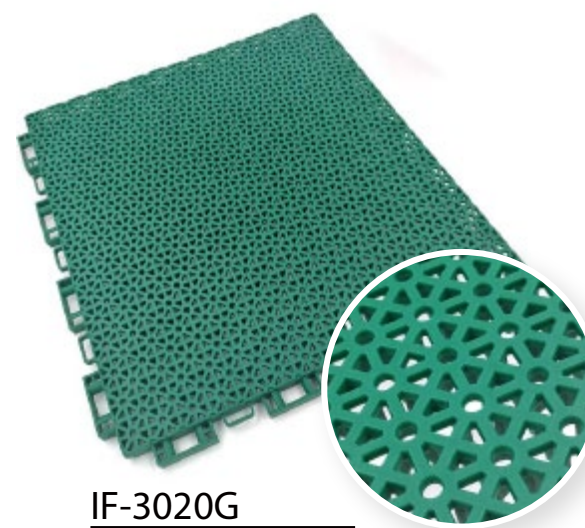**IF-2021O**

Tile Size: 300×300mm
Thickness: 13.7mm

IF-3010B

Tile Size: 304.8×304.8mm
Thickness: 15.8mm

IF-3011H

Tile Size: 300×300mm
Thickness: 13mm

IF-3020G

Tile Size: 300×300mm
Thickness: 12.7mm
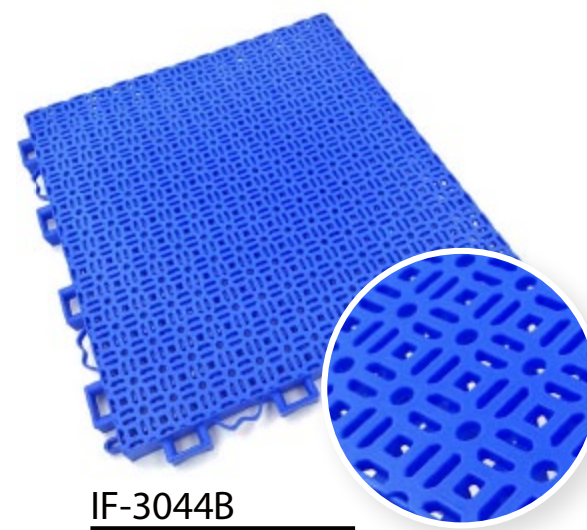
FOR OUTDOOR SPORTS COURT

IF-3022Y

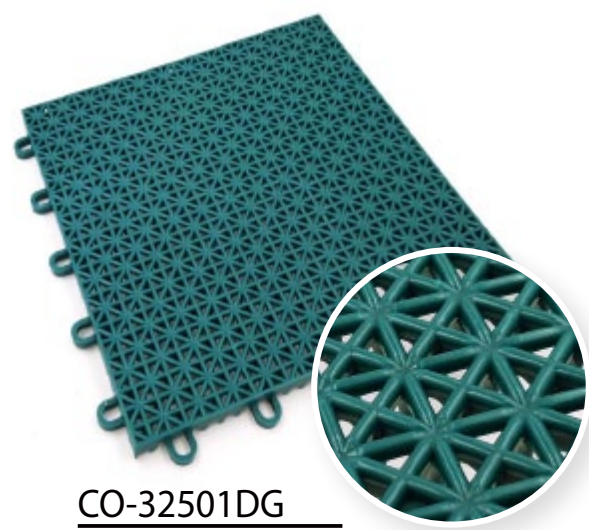Tile Size: 304.8×304.8mm
Thickness: 16.5mm

IF-3032R

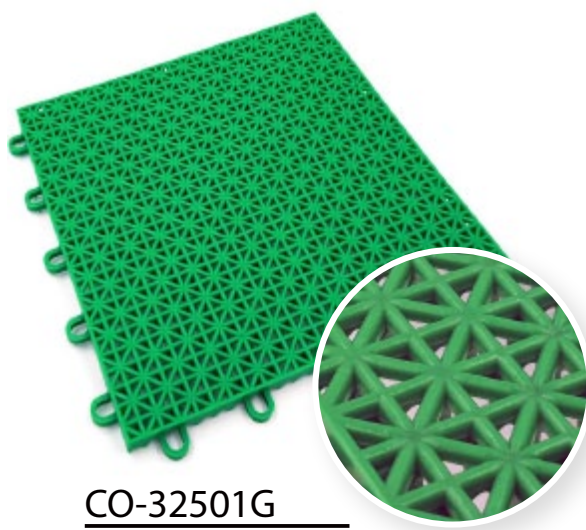Tile Size: 300×300mm
Thickness: 12.2mm
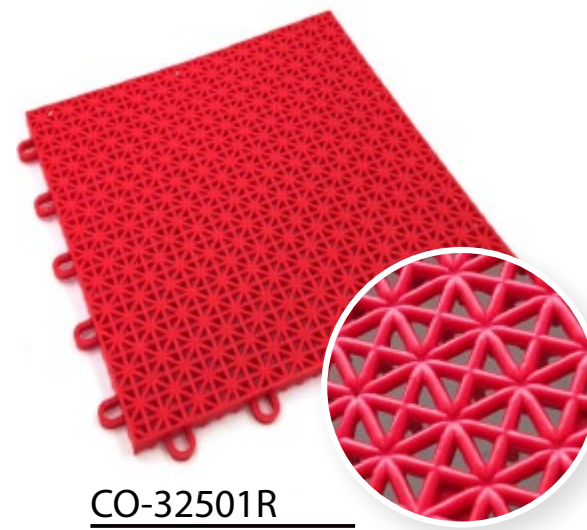
IF-3044B

Tile Size: 300×300mm
Thickness: 19.5mm

CO-32501DG

Tile Size: 250×250mm
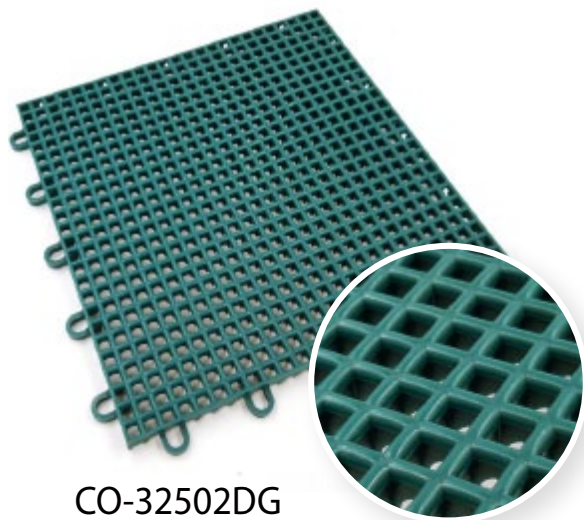Thickness: 13mm

CO-32501G

Tile Size: 250×250mm
Thickness: 13mm

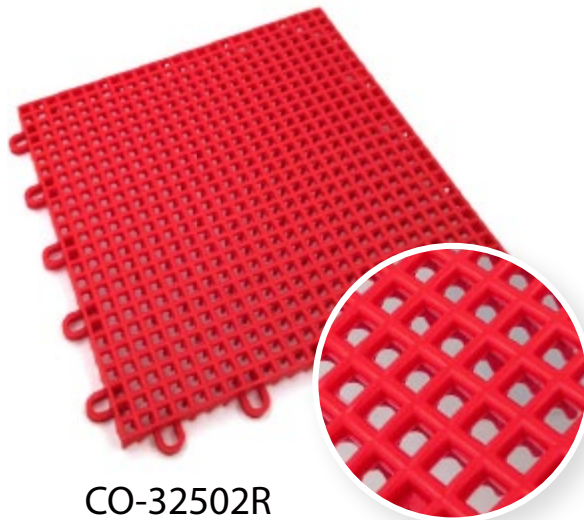**CO-32501R**

Tile Size: 250×250mm
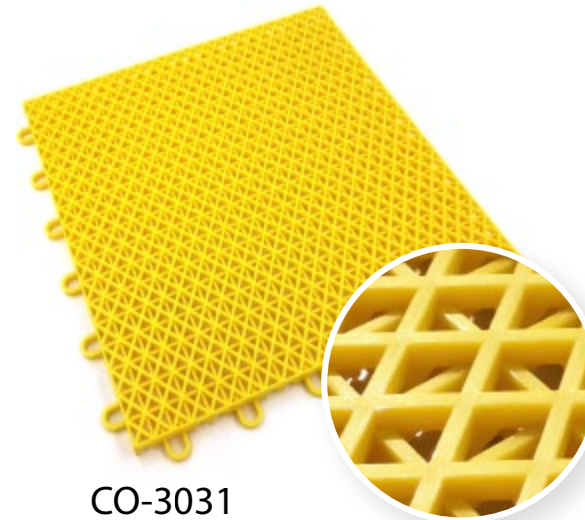Thickness: 13mm

FOR OUTDOOR SPORTS COURT

CO-32502DG
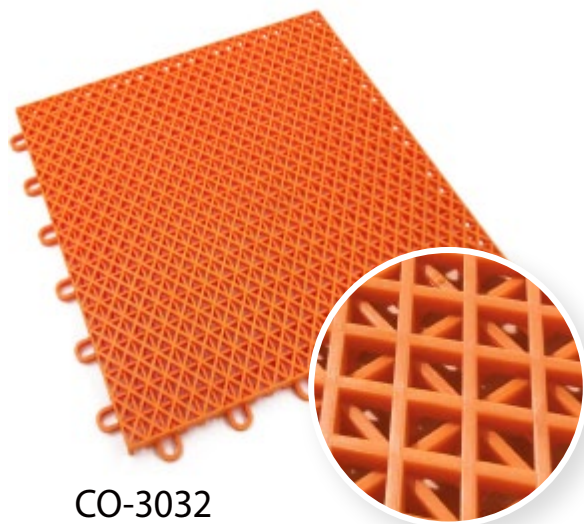
Tile Size: 250×250mm
Thickness: 13mm

CO-32502R

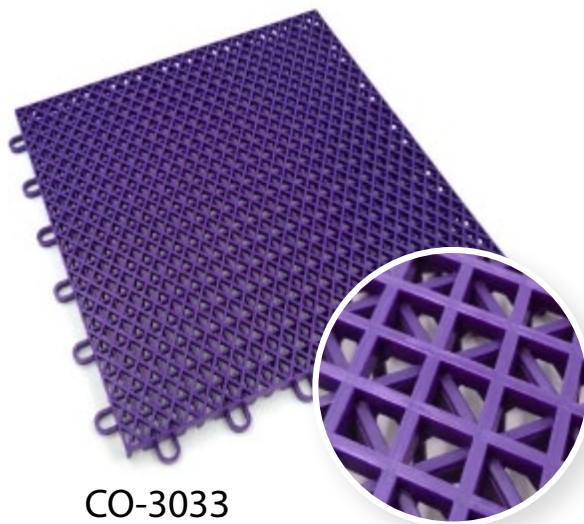Tile Size: 250×250mm
Thickness: 13mm

CO-3031

Tile Size: 304.8×304.8mm
Thickness: 15mm

CO-3032

Tile Size: 304.8×304.8mm
Thickness: 15mm

CO-3033

Tile Size: 304.8×304.8mm
Thickness: 15mm

CO-3034

Tile Size: 304.8×304.8mm
Thickness: 15mm

FOR OUTDOOR SPORTS COURT

CO-3035

Tile Size: 304.8×304.8mm
Thickness: 13mm

CO-3036

Tile Size: 304.8×304.8mm
Thickness: 13mm

CO-3037
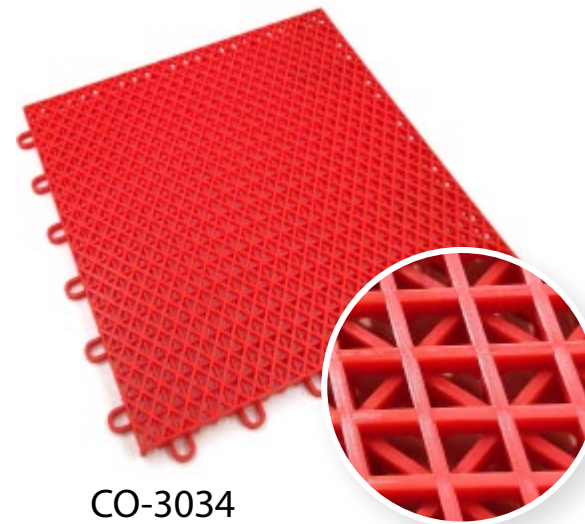
Tile Size: 304.8×304.8mm
Thickness: 13mm

CO-3038

Tile Size: 304.8×304.8mm
Thickness: 15mm

CO-3039

Tile Size: 304.8×304.8mm
Thickness: 15mm

CO-3040

Tile Size: 304.8×304.8mm
Thickness: 15mm

13.716m×22.86m Multi-Game Court
Tennis/Badminton/Basketball/Volleyball

6.096m (20 Tile)

1 Tile

3.6576m
(12 Tile)

6.096m
(20 Tile)

13.716m
(48 Tile)

1 Tile

3.048m(10 Tile)

7.3152m(24 Tile)

3.048m(10 Tile)

13.4112m(44 Tile)

22.86m(75 Tile)

Tile Size: 304.8×304.8mm
All Lines are Painted

14

FOR INDOOR SPORTS COURT

CI-3021

Tile Size: 304.8×304.8mm
Thickness: 12mm

CI-3022

Tile Size: 304.8×304.8mm
Thickness: 12mm

CI-3023

Tile Size: 304.8×304.8mm
Thickness: 12mm

CI-3024

Tile Size: 304.8×304.8mm
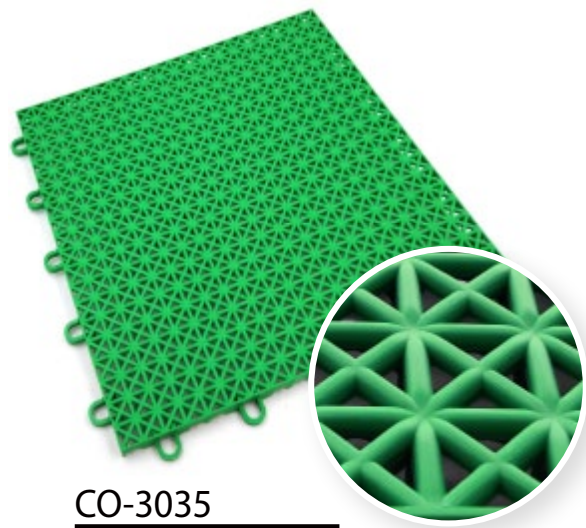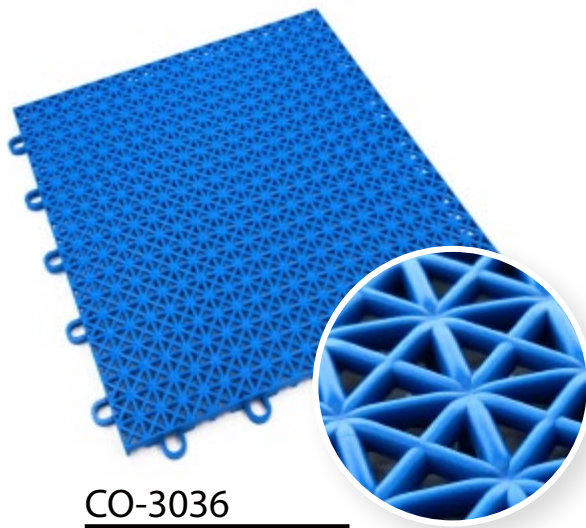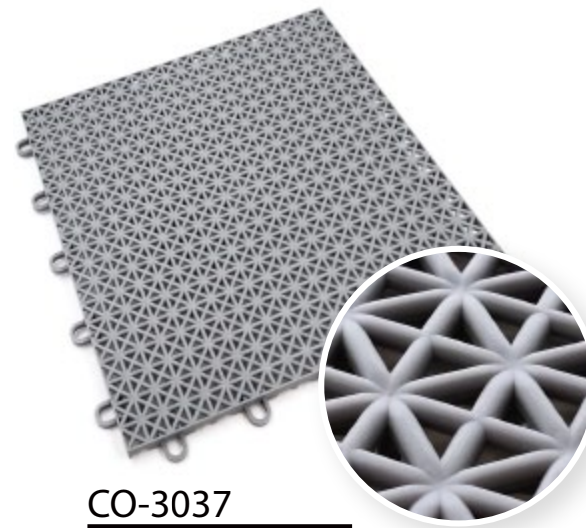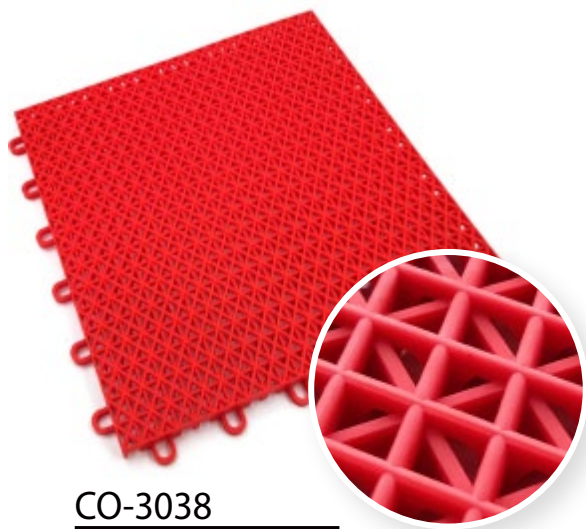Thickness: 12mm

CI-3025

Tile Size: 304.8×304.8mm
Thickness: 12mm
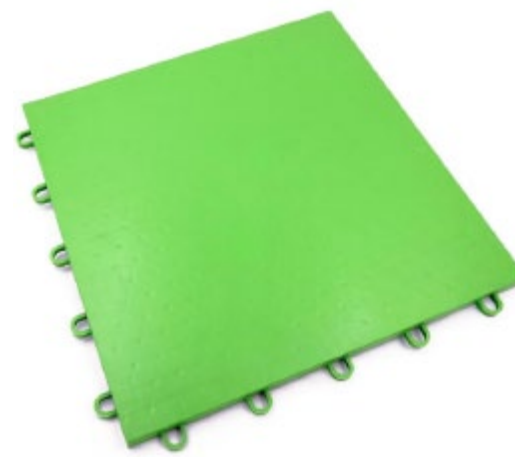
CI-3026

Tile Size: 304.8×304.8mm
Thickness: 12mm

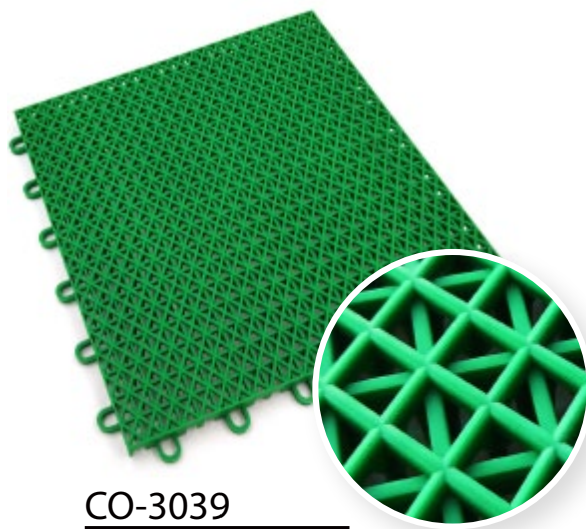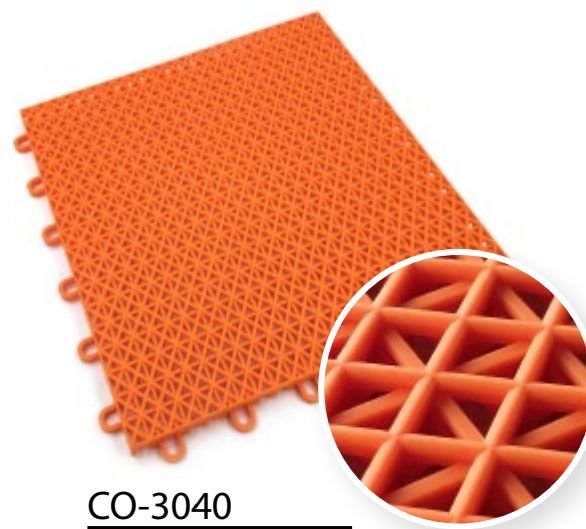# FOR INDOOR SPORTS COURT
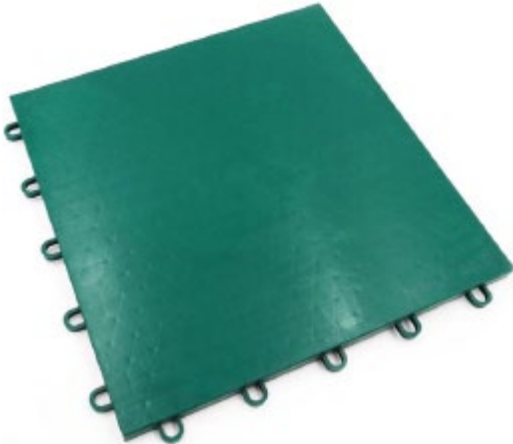
CI-3027

Tile Size: 304.8×304.8mm
Thickness: 12mm

CI-3028

Tile Size: 304.8×304.8mm
Thickness: 12mm
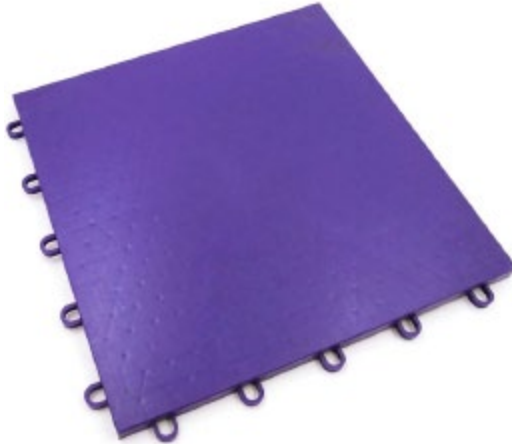
CI-3029
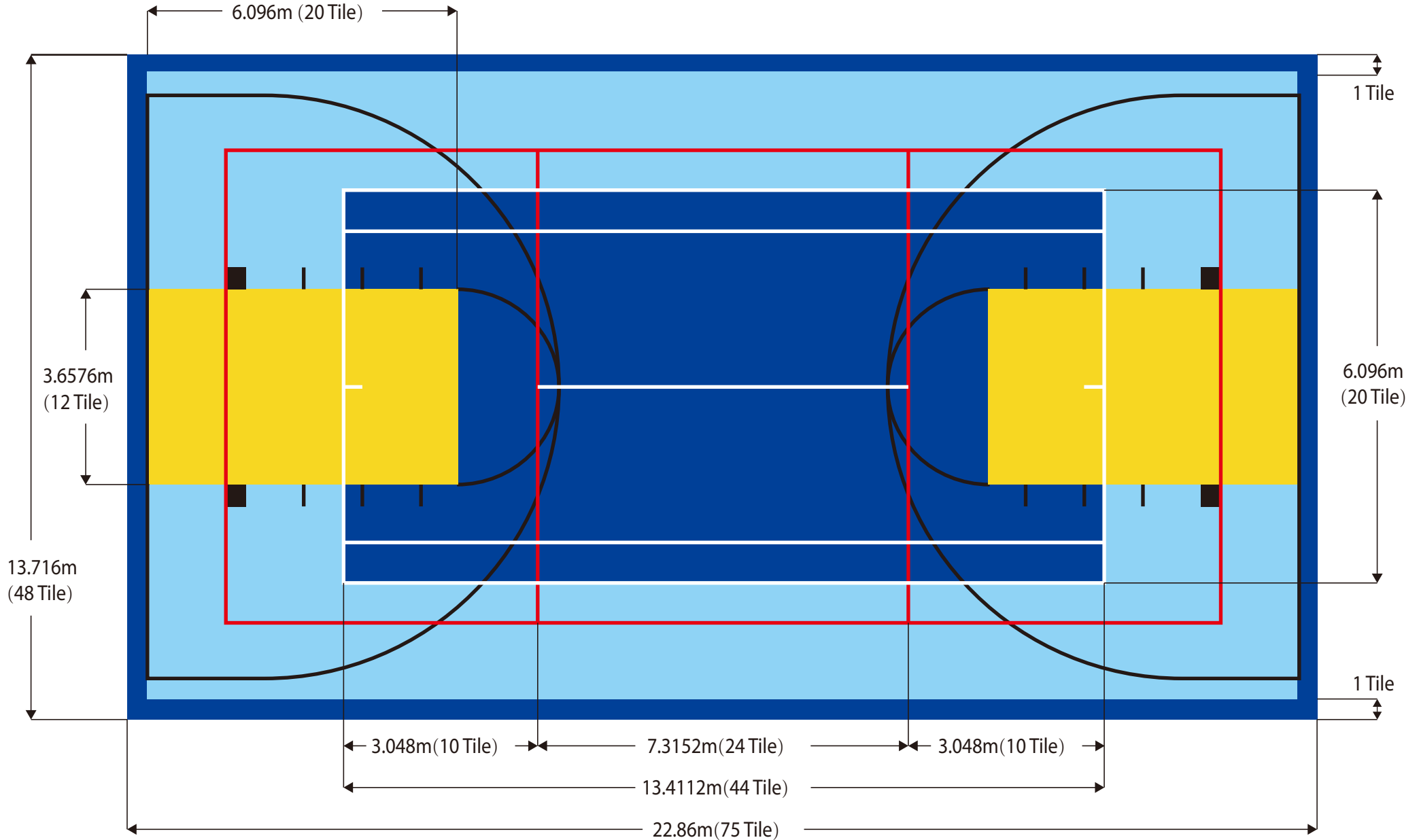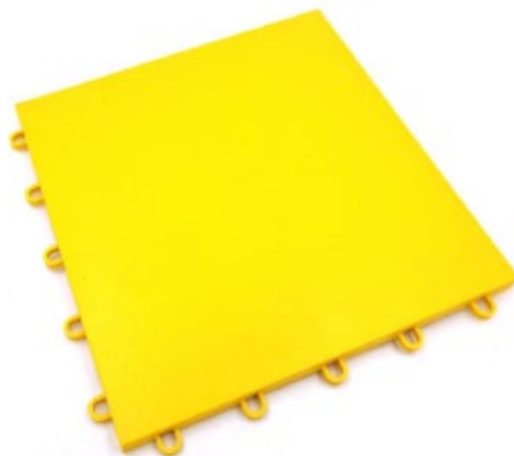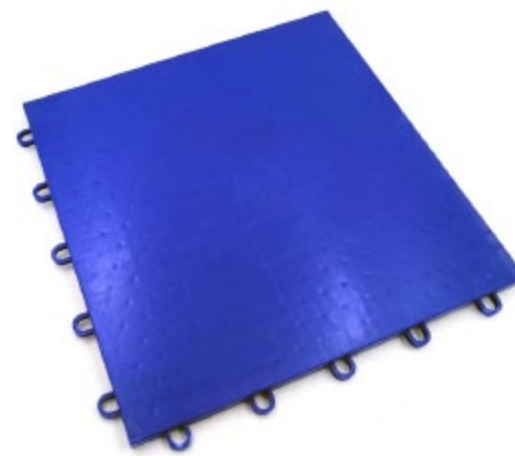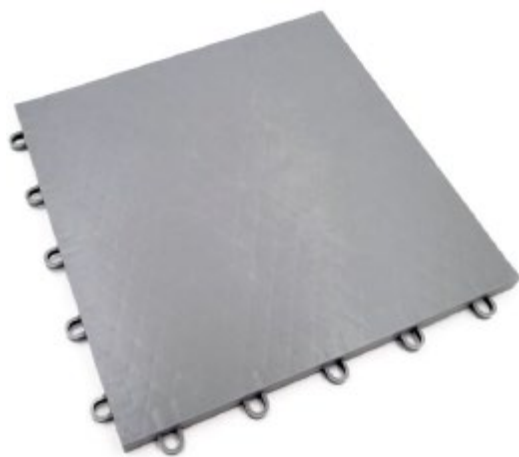
Tile Size: 304.8×304.8mm
Thickness: 12mm

9.144m×12.288m Multi-Game Court
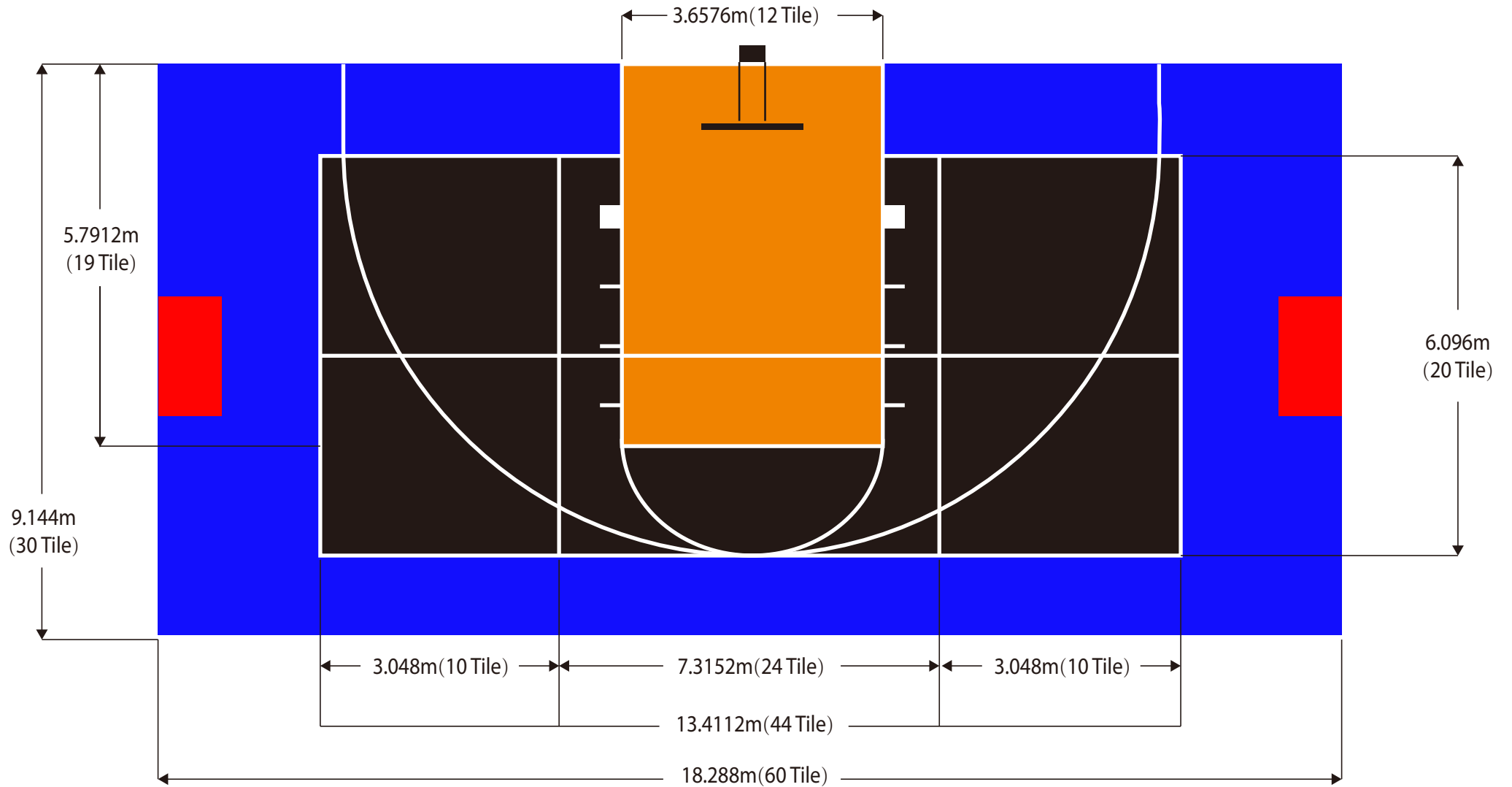## Paddle Tennis/Badminton/Basketball/Hockey

3.6576m(12 Tile)

5.7912m
(19 Tile)

6.096m
(20 Tile)

9.144m
(30 Tile)

3.048m(10 Tile)　　7.3152m(24 Tile)　　3.048m(10 Tile)

13.4112m(44 Tile)

18.288m(60 Tile)

Tile Size: 304.8×304.8mm
All Lines are Painted

17

SPECIFICATIONS

Item	Stardard	Results
Material	ISO2076	Environmentally friendly recyclable UV-stabilized polypropylene
Size of tile	EN427	Qualified
Thickness of tile	EN428	Qualified
Weight	EN430	Qualified
Point load	QUALIFIED TEST BY TOPJOY	$\geqslant$5 ton/1m2
Light fastness	EN 14836(>3) ISO 105-B02(1-8) ISO 105-A02(>0,3)	4-5 7-8 4/5
Weather Fastness	ASTM D1435 ASTM G154 Cycle A	4/5
Slip resistance	SSEN-13893 EN13036-4	>0.3 96PTV
Impact resistance	ISO 179/1eA ASTM D746	23°C = 20kJ/m2; －20°C=5kJ/m2 C15KJ/m2
Fire category	EN ISO 11925-2	Cf1
CE certification	EN 14877	CCSH17082811815
Shock absorbtion	EN 14808/EN 14877	28%
Vertical deformation	EN 14809/EN 14877	3mm
Vertical ball behaviour	EN 12235/EN 14877	93%
Resistance to wear	EN ISO 5470-1/EN 14877	0.1g/1000cycles
Water infiltration rate	EN 12616/EN 14877	Requirement very well achieved

TopJoy Industrial Co.,Ltd.