VEX IQ Challenge Full Field Perimeter & Tiles

Field Element Dimensions

The standard VEX IQ Challenge playing field is composed of (32x) floor tiles, (20x) straight wall segments, and (4x) corner wall segments. Each floor tile is 1 foot (305mm) square and molded in a Very Light Grey plastic. Black lines 1 inch (25mm) wide create a “+” sign over the top of the tile. These lines are used to mark areas of the field such as starting or scoring zones, and can read by sensors on your robot to aid autonomous navigation. Metric dimensions in millimeters are shown in [brackets].

Floor Tile Dimensions

Perimeter Dimensions (Side View)
Assembled Field Dimensions

The standard VEX IQ Challenge playing field is composed of (32x) 1ft square tiles. These tiles are arranged in a rectangle that is (4x) tiles wide by (8x) tiles long. A 2-1/2" (64mm) high wall is assembled onto the outside of these tiles. All floor tiles and wall sections easily and quickly snap together.

**Inside Dimensions (Between Walls)**

- **Length:** 1245 mm (49"")
- **Width:** 2464 mm (97"")
- **Wall Thickness:** 29 mm (1 1/8"")
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### Kit Contents

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