

Cell

- Cell Depth - 75 mm (±1%)
- Weld Spacing - 445 mm (±0.5%)

Property	Test Method	Value
• Material	-	HDPE Basic
• Density	ASTM D1505	0.940-0.960 g/cm ³
• Carbon Black	ASTM D1603	≥ 1.5 %
• Peeling Strength	EN ISO 13426-1 Method B	1200 N [16 kN/m](min.avg.)
• Splitting Strength	EN ISO 13426-1 Method C	2400 N [32 kN/m](min.avg.)
• Tensile Strength	ASTM D638	≥ 25 kN/m
• ESCR	ASTM D1693	≥ 7000 hrs

Nominal Dimension (Expanded)

- Cell Size - 320 mm x 287 mm
- Cell Numbers - 14 cells (W) x 34 cells (L)
- Section Size - 4.48 m (W) x 9.75 m (L)
- Section Area - 43.68 m² (±10%)

Drawing

Weld Spacing 445mm



Cell width 320 mm



- Peeling strength >145N/cm when including tendon holes
- Section size can be customized
- Section dimension is expanded theoretically
- Other specific data sheet can be claimed

Cell

Ref. 2022BC4

- | | | |
|----------------|---|----------------|
| • Cell Depth | - | 100 mm (±1%) |
| • Weld Spacing | - | 445 mm (±0.5%) |

Property

Test Method

Value

- | | | |
|----------------------|-------------------------|-------------------------------|
| • Material | - | HDPE Basic |
| • Density | ASTM D1505 | 0.940-0.960 g/cm ³ |
| • Carbon Black | ASTM D1603 | ≥ 1.5% |
| • Peeling Strength | EN ISO 13426-1 Method B | 1600 N [16 kN/m](min.avg.) |
| • Splitting Strength | EN ISO 13426-1 Method C | 3200 N [32 kN/m](min.avg.) |
| • Tensile Strength | ASTM D638 | ≥ 25 kN/m |
| • ESCR | ASTM D1693 | ≥ 7000 hrs |

Nominal Dimension (Expanded)

- | | | |
|----------------|---|-----------------------------|
| • Cell Size | - | 320 mm x 287 mm |
| • Cell Numbers | - | 14 cells (W) x 34 cells (L) |
| • Section Size | - | 4.48 m (W) x 9.75 m (L) |
| • Section Area | - | 43.68 m ² (±10%) |

Drawing

Weld Spacing 445mm



Cell width 320 mm



- Peeling strength >145N/cm when including tendon holes
- Section size can be customized
- Section dimension is expanded theoretically
- Other specific data sheet can be claimed

7845 E. Gelding Dr. Suite 104 | Scottsdale AZ 85260

Phone: 888-511-1553 | web: www.basecore.co

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Cell

- Cell Depth - 75 mm (±0.5 mm)
- Weld Spacing - 445 mm (±1.0 mm)

Property	Test Method	Value
• Material	-	HDPE Basic
• Density	ASTM D1505	0.940-0.960 g/cm ³
• Carbon Black	ASTM D1603	≥ 1.5 %
• Peeling Strength	EN ISO 13426-1 Method B	1200 N [16 kN/m](min.avg.)
• Splitting Strength	EN ISO 13426-1 Method C	2400 N [32 kN/m](min.avg.)
• Tensile Strength	ASTM D638	≥ 25 kN/m
• ESCR	ASTM D1693	≥ 7000 hrs

Nominal Dimension (Expanded)

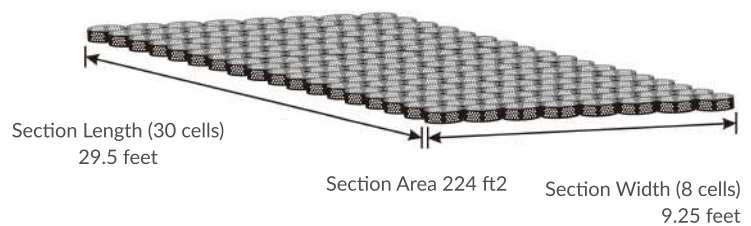
- Cell Size - 315 mm x 300 mm
- Cell Numbers - 8 cells (W) x 30 cells (L)
- Section Size - 9.25ft (W) x 29.5ft (L)
- Section Area - 224 sq feet (±5%)

Drawing

Weld Spacing 445 mm



Cell width 315 mm



- Peeling strength >145N cm when including tendon holes

Cell

- Cell Depth - 75 mm ($\pm 1\%$)
- Weld Spacing - 290 mm ($\pm 0.5\%$)

Property	Test Method	Value
• Material	-	HDPE Basic
• Density	ASTM D1505	0.940-0.960 g/cm ³
• Carbon Black	ASTM D1603	$\geq 1.5\%$
• Peeling Strength	EN ISO 13426-1 Method B	1200 N [16 kN/m](min.avg.)
• Splitting Strength	EN ISO 13426-1 Method C	2400 N [32 kN/m](min.avg.)
• Tensile Strength	ASTM D638	≥ 25 kN/m
• ESCR	ASTM D1693	≥ 7000 hrs

Nominal Dimension (Expanded)

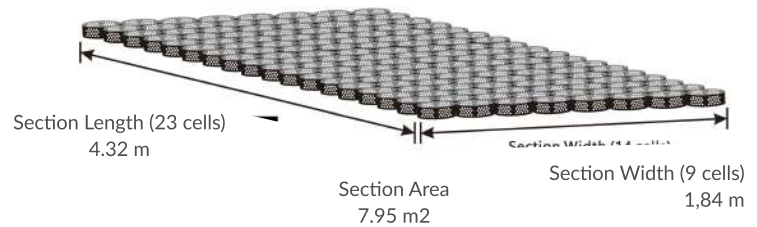
- Cell Size - 205 mm x 188 mm
- Cell Numbers - 9 cells (W) x 23 cells (L)
- Section Size - 1.84 m (W) x 4.32 m (L)
- Section Area - 7.95 m² ($\pm 10\%$)

Drawing

Weld Spacing 290 mm



Cell width 205 mm



- Peeling strength >145N/cm when including tendon holes
- Section size can be customized
- Section dimension is expanded theoretically
- Other specific data sheet can be claimed

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Cell

Ref. 202003E7

- Cell Depth - 75 mm (±1%)
- Weld Spacing - 290 mm (±0.5%)

Property

Test Method

Value

- Material - Ecoloy™ HDPE Basic
- Density ASTM D1505 0.940-0.960 g/cm³
- Carbon Black ASTM D1603 ≥ 1.5 %
- Peeling Strength EN ISO 13426-1 Method B 1200 N [16 kN/m](min.avg.)
- Splitting Strength EN ISO 13426-1 Method C 2400 N [32 kN/m](min.avg.)
- Tensile Strength ASTM D638 ≥ 25 kN/m
- ESCR ASTM D1693 ≥ 7000 hrs

Nominal Dimension (Expanded)

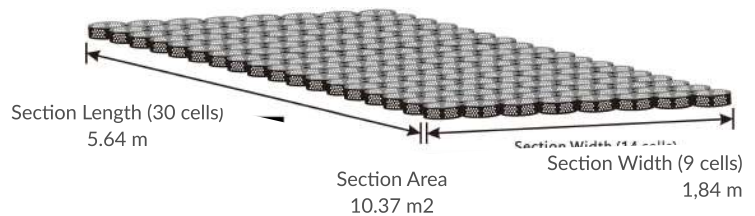
- Cell Size - 205 mm x 188 mm
- Cell Numbers - 9 cells (W) x 30 cells (L)
- Section Size - 1.84 m (W) x 5.64 m (L)
- Section Area - 10.37 m² (±10%)

Drawing

Weld Spacing 290 mm



Cell width 205 mm



- Peeling strength >145N/cm when including tendon holes
- Section size can be customized
- Section dimension is expanded theoretically
- Other specific data sheet can be claimed

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Cell

- Cell Depth - 75 mm ($\pm 1\%$)
- Weld Spacing - 260 mm ($\pm 0.5\%$)

Property	Test Method	Value
• Material	-	HDPE Basic
• Density	ASTM D1505	0.940-0.960 g/cm ³
• Carbon Black	ASTM D1603	$\geq 1.5\%$
• Peeling Strength	EN ISO 13426-1 Method B	1200 N [16 kN/m](min.avg.)
• Splitting Strength	EN ISO 13426-1 Method C	2400 N [32 kN/m](min.avg.) \geq
• Tensile Strength	ASTM D638	25 kN/m
• ESCR	ASTM D1693	≥ 7000 hrs

Nominal Dimension (Expanded)

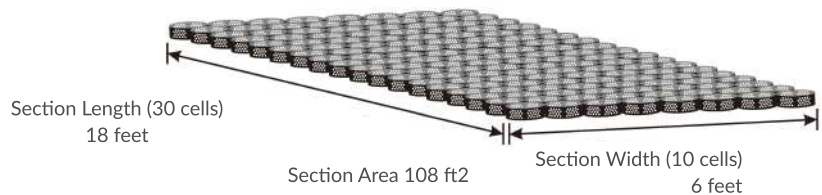
- Cell Size - 183 mm x 183 mm
- Cell Numbers - 10 cells (W) x 30 cells (L)
- Section Size - 6 feet (W) x 18 feet (L)
- Section Area - 108 ft² ($\pm 10\%$)

Drawing

Weld Spacing 260 mm



Cell width 183 mm



- Peeling strength >14.5kN/m when including tendon holes

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BC6 [10x21]

Non-Perforated



Cell

- Cell Depth - 150 mm ($\pm 1\%$)
- Weld Spacing - 445 mm ($\pm 0.5\%$)

Property

Test Method

Value

- Material - HDPE Basic
- Density ASTM D1505 0.940-0.960 g/cm³
- Carbon Black ASTM D1603 $\geq 1.5\%$
- Peeling Strength EN ISO 13426-1 Method B 1200 N [16 kN/m](min.avg.)
- Splitting Strength EN ISO 13426-1 Method C 2400 N [32 kN/m](min.avg.)
- Tensile Strength ASTM D638 ≥ 25 kN/m
- ESCR ASTM D1693 ≥ 7000 hrs

Nominal Dimension (Expanded)

- Cell Size - 320 mm x 287 mm
- Cell Numbers - 10 cells (W) x 21 cells (L)
- Section Size - 3.20 m (W) x 6.02 m (L)
- Section Area - 19.26 m² ($\pm 10\%$)

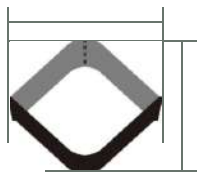
Drawing

Weld Spacing 445 mm

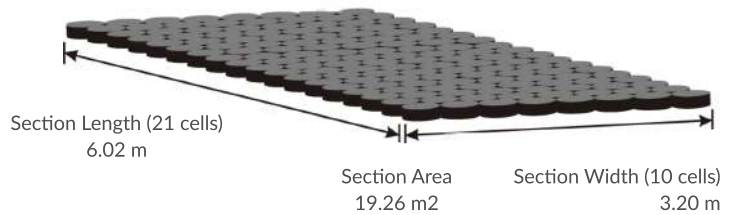


Depth
150 mm

Cell width 320 mm



Cell length
287 mm



- Peeling strength >145 N/cm when including tendon holes
- Section size can be customized
- Section dimension is expanded theoretically
- Other specific data sheet can be claimed

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