

Chapter 1 - Screen Enclosures - Exposure B

**ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS
(GIRTS OR CHAIR RAILS)**

Table 104

FOR 110 mph Wind Zones Exposure B **Table 104a**
 18/14 Screen Unit Load = 8.8 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	7'-10"	7'-5"	7'-0"	6'-8"	6'-5"	6'-2"	5'-11"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure B **Table 104b**
 18/14 Screen Unit Load = 10.6 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	7'-0"	6'-7"	6'-3"	5'-11"	5'-9"	5'-6"	5'-4"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure B **Table 104c**
 18/14 Screen Unit Load = 12.1 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-5"	6'-1"	5'-9"	5'-6"	5'-3"	5'-0"	4'-10"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-5"	7'-2"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure B **Table 104d**
 18/14 Screen Unit Load = 14.3 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-9"	5'-5"	5'-2"	4'-11"	4'-8"	4'-6"	4'-4"
2X3X.050 Hollow	7'-10"	7'-10"	7'-8"	7'-4"	7'-0"	6'-9"	6'-6"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure B **Table 104e**
 18/14 Screen Unit Load = 16.5 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-4"	5'-1"	4'-10"	4'-7"	4'-5"	4'-2"	4'-1"
2X3X.050 Hollow	7'-10"	7'-6"	7'-2"	6'-10"	6'-6"	6'-3"	6'-1"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-5"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure B **Table 104f**
 18/14 Screen Unit Load = 18.8 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-0"	4'-9"	4'-6"	4'-3"	4'-1"	3'-11"	3'-10"
2X3X.050 Hollow	7'-6"	7'-1"	6'-8"	6'-5"	6'-1"	5'-11"	5'-8"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-4"	7'-1"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-3"	6'-11"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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Chapter 1 - Screen Enclosures- Exposure B

**ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS
(GIRTS OR CHAIR RAILS)**

Table 104

FOR 110 mph Wind Zones Exposure B **Table 104a**
 20/20 Screen Unit Load= 10.0 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	7'-4"	6'-11"	6'-7"	6'-3"	6'-0"	5'-9"	5'-7"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure B **Table 104b**
 20/20 Screen Unit Load= 12.1 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-7"	6'-2"	5'-10"	5'-7"	5'-4"	5'-2"	4'-11"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"	7'-6"	7'-2"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure B **Table 104c**
 20/20 Screen Unit Load = 13.7 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-0"	5'-8"	5'-5"	5'-2"	4'-11"	4'-9"	4'-7"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-7"	7'-3"	6'-11"	6'-8"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure B **Table 104d**
 20/20 Screen Unit Load = 16.3 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-5"	5'-1"	4'-10"	4'-7"	4'-5"	4'-3"	4'-1"
2X3X.050 Hollow	7'-10"	7'-7"	7'-2"	6'-10"	6'-7"	6'-4"	6'-1"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"	7'-6"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure B **Table 104e**
 20/20 Screen Unit Load = 18.8 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-0"	4'-9"	4'-6"	4'-3"	4'-1"	3'-11"	3'-10"
2X3X.050 Hollow	7'-6"	7'-1"	6'-8"	6'-5"	6'-1"	5'-11"	5'-8"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-4"	7'-1"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-3"	6'-11"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure B **Table 104f**
 20/20 Screen Unit Load = 21.4 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-9"	4'-5"	4'-3"	4'-0"	3'-10"	3'-8"	3'-7"
2X3X.050 Hollow	7'-0"	6'-8"	6'-3"	5'-11"	5'-9"	5'-6"	5'-4"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-6"	7'-2"	6'-11"	6'-8"
2X3X.072 Holow	7'-10"	7'-10"	7'-9"	7'-4"	7'-0"	6'-9"	6'-6"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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Chapter 1 - Screen Enclosures - Exposure C

**ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS
(GIRTS OR CHAIR RAILS)**

Table 104

FOR 110 mph Wind Zones Exposure C **Table 104a**
 18/14 Screen Unit Load = 10.7 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	7'-1"	6'-8"	6'-4"	6'-1"	5'-10"	5'-7"	5'-4"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure C **Table 104b**
 18/14 Screen Unit Load = 12.6 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-5"	6'-1"	5'-9"	5'-6"	5'-3"	5'-0"	4'-10"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"	7'-3"	7'-0"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure C **Table 104c**
 18/14 Screen Unit Load = 14.5 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-10"	5'-6"	5'-3"	4'-11"	4'-9"	4'-7"	4'-5"
2X3X.050 Hollow	7'-10"	7'-10"	7'-8"	7'-4"	7'-0"	6'-9"	6'-6"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure C **Table 104d**
 18/14 Screen Unit Load = 17.1 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-3"	4'-11"	4'-9"	4'-6"	4'-4"	4'-2"	3'-11"
2X3X.050 Hollow	7'-10"	7'-5"	7'-0"	6'-8"	6'-5"	6'-2"	5'-11"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-5"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"	7'-3"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure C **Table 104e**
 18/14 Screen Unit Load = 19.6 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-11"	4'-8"	4'-5"	4'-2"	4'-0"	3'-10"	3'-9"
2X3X.050 Hollow	7'-4"	6'-11"	6'-7"	6'-3"	5'-11"	5'-9"	5'-7"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-2"	6'-11"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-8"	7'-4"	7'-1"	6'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure C **Table 104f**
 18/14 Screen Unit Load = 22.3 psf

Load Width / Spacing							
Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-7"	4'-4"	4'-2"	3'-11"	3'-9"	3'-7"	3'-6"
2X3X.050 Hollow	6'-11"	6'-6"	6'-2"	5'-10"	5'-7"	5'-5"	5'-2"
2X4X.050 Hollow	7'-10"	7'-10"	7'-8"	7'-4"	7'-0"	6'-9"	6'-6"
2X3X.072 Holow	7'-10"	7'-10"	7'-7"	7'-2"	6'-11"	6'-7"	6'-5"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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Chapter 1 - Screen Enclosures- Exposure C

**ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS
(GIRTS OR CHAIR RAILS)**

Table 104

FOR 110 mph Wind Zones Exposure C

Table 104a

20/20 Screen Unit Load= 12.2 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-8"	6'-3"	5'-11"	5'-8"	5'-5"	5'-3"	5'-0"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"	7'-6"	7'-2"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure C

Table 104b

20/20 Screen Unit Load= 14.4 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-0"	5'-8"	5'-5"	5'-2"	4'-11"	4'-9"	4'-7"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-5"	7'-1"	6'-10"	6'-7"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure C

Table 104c

20/20 Screen Unit Load = 16.5 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-6"	5'-2"	4'-11"	4'-8"	4'-6"	4'-4"	4'-2"
2X3X.050 Hollow	7'-10"	7'-7"	7'-3"	6'-11"	6'-7"	6'-4"	6'-1"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"	7'-5"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure C

Table 104d

20/20 Screen Unit Load = 19.4 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-11"	4'-8"	4'-5"	4'-3"	4'-0"	3'-11"	3'-9"
2X3X.050 Hollow	7'-4"	6'-11"	6'-7"	6'-3"	6'-0"	5'-9"	5'-7"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-3"	6'-11"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-9"	7'-5"	7'-1"	6'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure C

Table 104e

20/20 Screen Unit Load = 22.3 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-7"	4'-4"	4'-2"	3'-11"	3'-9"	3'-7"	3'-6"
2X3X.050 Hollow	6'-11"	6'-6"	6'-2"	5'-10"	5'-7"	5'-5"	5'-2"
2X4X.050 Hollow	7'-10"	7'-10"	7'-8"	7'-4"	7'-0"	6'-9"	6'-6"
2X3X.072 Holow	7'-10"	7'-10"	7'-7"	7'-2"	6'-11"	6'-7"	6'-5"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure C

Table 104f

20/20 Screen Unit Load = 25.4 psf
Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-4"	4'-1"	3'-10"	3'-8"	3'-6"	3'-5"	3'-3"
2X3X.050 Hollow	6'-5"	6'-1"	5'-9"	5'-6"	5'-3"	5'-1"	4'-11"
2X4X.050 Hollow	7'-10"	7'-7"	7'-3"	6'-11"	6'-7"	6'-4"	6'-1"
2X3X.072 Holow	7'-10"	7'-6"	7'-1"	6'-9"	6'-6"	6'-2"	5'-11"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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Chapter 1 - Screen Enclosures - Exposure D

ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS (GIRTS OR CHAIR RAILS)

Table 104

FOR 110 mph Wind Zones Exposure D
Unit Load = 13.1 psf

Table 104a

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-5"	6'-1"	5'-9"	5'-6"	5'-3"	5'-1"	4'-10"
2X3X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-3"	6'-11"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure D

Table 104b

Unit Load = 15.4 psf

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-10"	5'-6"	5'-2"	4'-11"	4'-9"	4'-7"	4'-5"
2X3X.050 Hollow	7'-10"	7'-10"	7'-6"	7'-2"	6'-10"	6'-7"	6'-4"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure D

Table 104c

Unit Load = 17.7 psf

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-4"	4'-11"	4'-9"	4'-6"	4'-4"	4'-2"	4'-0"
2X3X.050 Hollow	7'-9"	7'-4"	6'-11"	6'-8"	6'-4"	6'-1"	5'-11"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-7"	7'-4"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-9"	7'-5"	7'-2"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure D

Table 104d

Unit Load = 20.9 psf

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-9"	4'-6"	4'-3"	4'-1"	3'-11"	3'-9"	3'-7"
2X3X.050 Hollow	7'-1"	6'-8"	6'-4"	6'-1"	5'-10"	5'-7"	5'-5"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-7"	7'-3"	6'-11"	6'-9"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-5"	7'-1"	6'-10"	6'-7"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure D

Table 104e

Unit Load = 24.0 psf

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-5"	4'-2"	3'-11"	3'-10"	3'-8"	3'-6"	3'-4"
2X3X.050 Hollow	6'-8"	6'-3"	5'-11"	5'-8"	5'-5"	5'-2"	5'-0"
2X4X.050 Hollow	7'-10"	7'-10"	7'-5"	7'-1"	6'-9"	6'-6"	6'-3"
2X3X.072 Holow	7'-10"	7'-8"	7'-3"	6'-11"	6'-8"	6'-5"	6'-2"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure D

Table 104f

Unit Load = 27.3 psf

18/14 Screen

Load Width / Spacing

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-2"	3'-11"	3'-9"	3'-7"	3'-5"	3'-3"	3'-2"
2X3X.050 Hollow	6'-3"	5'-10"	5'-7"	5'-4"	5'-1"	4'-11"	4'-8"
2X4X.050 Hollow	7'-9"	7'-4"	6'-11"	6'-8"	6'-4"	6'-1"	5'-11"
2X3X.072 Holow	7'-8"	7'-2"	6'-10"	6'-6"	6'-3"	5'-11"	5'-9"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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Chapter 1 - Screen Enclosures- Exposure D

**ALLOWABLE SPANS for SECONDARY SCREEN WALL MEMBERS
(GIRTS OR CHAIR RAILS)**

Table 104

FOR 110 mph Wind Zones Exposure D **Table 104a**
 20/20 Screen Unit Load= 14.9 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	6'-0"	5'-8"	5'-5"	5'-2"	4'-11"	4'-9"	4'-7"
2X3X.050 Hollow	7'-10"	7'-10"	7'-9"	7'-4"	7'-0"	6'-9"	6'-6"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 120 mph Wind Zones Exposure D **Table 104b**
 20/20 Screen Unit Load= 17.5 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	5'-5"	5'-2"	4'-10"	4'-8"	4'-5"	4'-3"	4'-1"
2X3X.050 Hollow	7'-10"	7'-5"	7'-1"	6'-9"	6'-5"	6'-2"	5'-11"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-8"	7'-5"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-6"	7'-3"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 130 mph Wind Zones Exposure D **Table 104c**
 20/20 Screen Unit Load = 20.2 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-11"	4'-8"	4'-5"	4'-3"	4'-1"	3'-11"	3'-9"
2X3X.050 Hollow	7'-4"	6'-11"	6'-6"	6'-3"	5'-11"	5'-9"	5'-6"
2X4X.050 Hollow	7'-10"	7'-10"	7'-10"	7'-9"	7'-5"	7'-2"	6'-10"
2X3X.072 Holow	7'-10"	7'-10"	7'-10"	7'-7"	7'-3"	6'-11"	6'-9"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 140 mph Wind Zones Exposure D **Table 104d**
 20/20 Screen Unit Load = 23.7 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-6"	4'-3"	4'-0"	3'-10"	3'-8"	3'-6"	3'-5"
2X3X.050 Hollow	6'-8"	6'-3"	5'-11"	5'-8"	5'-5"	5'-3"	5'-1"
2X4X.050 Hollow	7'-10"	7'-10"	7'-6"	7'-1"	6'-10"	6'-7"	6'-4"
2X3X.072 Holow	7'-10"	7'-9"	7'-4"	6'-11"	6'-8"	6'-5"	6'-2"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 150 mph Wind Zones Exposure D **Table 104e**
 20/20 Screen Unit Load = 27.2 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	4'-2"	3'-11"	3'-9"	3'-7"	3'-5"	3'-3"	3'-2"
2X3X.050 Hollow	6'-3"	5'-10"	5'-7"	5'-4"	5'-1"	4'-11"	4'-8"
2X4X.050 Hollow	7'-9"	7'-4"	6'-11"	6'-8"	6'-4"	6'-1"	5'-11"
2X3X.072 Holow	7'-8"	7'-2"	6'-10"	6'-6"	6'-3"	5'-11"	5'-9"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

FOR 160 mph Wind Zones Exposure D **Table 104f**
 20/20 Screen Unit Load = 31.0 psf

Extrusion	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"
2X2X.046 Hollow	3'-11"	3'-8"	3'-6"	3'-4"	3'-2"	3'-1"	2'-11"
2X3X.050 Hollow	5'-10"	5'-6"	5'-3"	4'-11"	4'-9"	4'-7"	4'-5"
2X4X.050 Hollow	7'-4"	6'-11"	6'-6"	6'-3"	5'-11"	5'-9"	5'-6"
2X3X.072 Holow	7'-2"	6'-9"	6'-5"	6'-1"	5'-10"	5'-7"	5'-5"

Maximum Spacing (Vertical) 7 ft o.c.; maximum allowable span 7' 10")

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