

SECTION 11 68 35 - BASEBALL EQUIPMENT (STADIUM NETTING SPEC)

BASEBALL EQUIPMENT (NETTING) 11XXX

A. Backstop and Dugout Netting:

Provide 1-3/4 inch square knotted mesh netting that complies with the following:

1. Product:

a. Netting Professionals: **PRO16 DYNEEMA SYSTEM**

By: Netting Professionals, LLC

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2. Yarn Type: Ultra High Molecular Weight Polyethylene fiber, twisted and knotted to provide required breaking strength. Knots heat set and depth stretched under tension.

a. Available Products: Dyneema.

3. Weight: 0.02 lbs per square foot

4. Gauge: #16 (0.055 inches) 1.4 mm diameter twine.

5. Minimum Breaking Strength: 350 pounds.

6. Optional Edge Treatment: **Hemmed XTREME Dyneema strip at field wall to prevent pre-mature wear.**

7. Cord: Provide net manufacturer's standard cord for lacing netting to supports.

a. Average Breaking Strength: 800 pounds – Black Braided Nylon.

8. Color: Black UV Factory bonded + **Secondary UV varnish-based paint treatment.**
Basis of design: Netting Professionals DURA-Dip black treatment.

9. Vertical Backstop Cabling and Connections: Provide the following materials and accessories:

a. Cable: Provide black SK-75 Dyneema Fiber Rope

1) Main, Tiebacks and Vertical Cables:

12 strand constructed **BLACK-FIBER** Dyneema rope cable.

a) Netting Professionals: PRODUCT:
PRO- SK-75 **BLACK-FIBER** DYNEEMA ROPE.

2) Diameter and Breaking Strength for MAIN (to be verified by Structural).

a) Typical main: 9/16" diameter = **48,060 lb break strength**

3) Bottom hold down: 7 x 19 aircraft cable, stainless steel grade T-304.

b. Fittings: Steel castings, galvanized in accordance with ASTM A 148.stainless

c. Miscellaneous connection plates:
ASTM A 36 steel, galvanized in accordance with ASTM A 153.

B. Sideline Netting / Barrier Netting / Scoreboard Netting

Provide 1-3/4 inch square knotted mesh netting that complies with the following:

1. Product:

a. Netting Professionals: **PRO9 DYNEEMA SYSTEM**

2. Yarn Type: Ultra High Molecular Weight Polyethylene fiber, twisted and knotted to provide required breaking strength. Knots heat set and depth stretched under tension.

a. Available Products: Dyneema.

3. Weight: 0.012 lbs per square foot

4. Gauge: #9 (0.055 inches) 0.9 mm diameter twine.

5. Minimum Breaking Strength: 200 pounds.

6. Optional Edge Treatment: **Hemmed XTREME Dyneema strip at field wall to prevent pre-mature wear.**

7. Cord: Provide net manufacturer's standard cord for lacing netting to supports.

a. Average Breaking Strength: 800 pounds – Black Braided Nylon.

8. Color: Black UV Factory bonded + **Secondary UV varnish-based paint treatment.**
Basis of design: Netting Professionals DURA-Dip black treatment.

C. Batting Tunnel Netting and Accessories: Provide the following:

1. Cage Net: Netting Professionals- **BLACK UV DURA-Dip treated** No. 36 Nylon cage 12 feet high by 14 feet wide by 75 feet long. With mid-roof line and 3/8" HTPP black border ropes. Pro wrap door per location selection.

2. Cage Accessories: Netting Professionals: Galvanized steel cable and hardware kit.

a. Cable: 1/4" diameter 7 x 19 galvanized aircraft cable (3 linear cables per standard cage)

b. 3" oversize spring snap clips 80mm

c. 1/4" malleable wire rope cable clamps

d. 1/2" x 12" galvanized turnbuckles

d. eyebolts or mounting plates per structural specifications