

Product Name	Flying net
Product Number	RC-F002
Size -- Diameter	8.60 m / 28' 3"
Size -- Height	1.82 m / 5' 95"
Foundations	20

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Safety Zone - Diameter	13.66 m / 44' 10"	13.66 m / 44' 10"	13 m / 42' 8"
Fall Height	1.80 m / 5' 11"	1.80 m / 5' 11"	1.80 m / 5' 11"

*Note: Concrete must be minimum 3500 PSI / 25MPa

SUPPORT POSTS

This will be 5 1/2" (139.8mm) steel tubing finished with polyester powder coating for the main support.

CLIMBING NETS

This will be 20mm diameter and 22mm diameter, polyamide(nylon) rope cable with UV protection and fire retardant solution. Each rope consist of 6 strands each containing 24 steel reinforcing strands within a polyamide sleeve, wrapped around a solid core for total of 144 steel reinforcing strands; each end of the cable having a junction loop attached on to the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. Edge ropes will contain a solid core of wound steel cables in place of the polyamide core for total of 168 steel reinforcing strands. Rope shall achieve a Class 7-8 colourfastness rating

BALL KNOTS

This will be a one-piece compressed aluminum ball, compressed in place with 150,000 pounds force (667KN) to prevent the connection from moving and causing premature cable wear.

JUMPING SURFACE

This will be 1/2" (13mm) thick textile-reinforced rubber mat with drainage holes secured to the surrounding cable with two-piece bolted aluminum connectors that are rubber lined to reduce rope wear.

BASIC FASTENERS

All fasteners for component attachments are stainless steel.

TURNBUCKLES

These will be steel alloy that will withstand a maximum load of over 87,675 pounds force (390 kN) along the main axis.

MOUNTING PLATES

These will be made of galvanized steel. Corner anchors will contain multiple connection points to allow for adjustability of the turnbuckles as well as connection of a safety rope. Centre mast anchors will consist of a stub post that will stabilize the mast and an anchor ring that will secure the assembly to the concrete. This two-piece assembly allows for fine positioning of the post stub to be accomplished during installation, making the process simpler and easier.

ANCHOR BOLTS

Mounting plates will be secured to concrete blocks with 7/8" (22mm) diameter x 20" (500mm) long "L" Anchor bolts, inserted into the wet concrete when poured.

INSTALLATION

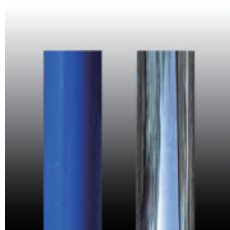
This should be installed only by licensed playground installer, trained and certified on the relevant playground standards in place in the region of installation, e.g, NPSI, CPSI or similar certified.

COMPLIANT WITH

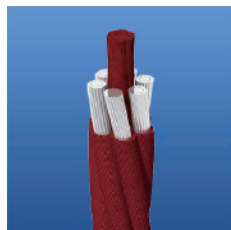
CAN/CSA-Z6 14-07
 ASTM F-1487-11
 EN-1176
 CPSC Handbook for Public Playground Safety

OPTIONS

Option Equipment: Poured-In Place Enclosure(Max/ Qty: 6) #RC-pip-01



Support Posts



Climbing Net - 20mm



Ball Knot



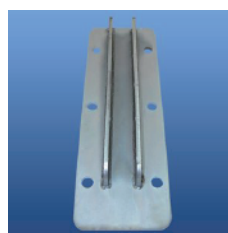
Jumping Surface Material



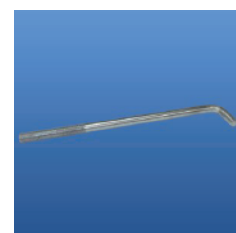
Jumping Surface Connector



Turnbuckle



Corner Anchor Plate



Anchor Bolt