



Product Name	Regular Astro Net
Product Number	A2-NE-802
Size -- Length	4.00 m / 13' 1"
Size -- Width	4.00 m / 13' 1"
Size -- Height	4.26 m / 14' 0"
Shipping Weight	410 kg / 903.9 lb
Shipping Volume	1.40 m <sup>3</sup> / 49.4 ft <sup>3</sup>
Foundations	4
Concrete Volume	0.50 m <sup>3</sup> / 17.7 ft <sup>3</sup>

	<b>ASTM F-1487</b>	<b>CSA Z614</b>	<b>EN 1176</b>
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	33	33	33
Safety Zone -- Length	7.66 m / 25' 2"	7.66 m / 25' 2"	7.20 m / 23' 8"
Safety Zone -- Width	7.66 m / 25' 2"	7.66 m / 25' 2"	7.20 m / 23' 8"
Fall Height	2.26 m / 7' 5"	2.26 m / 7' 5"	2.26 m / 7' 5"

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

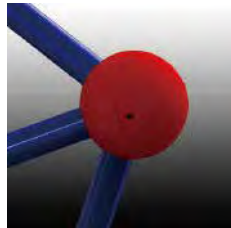
## Product Features:

- SUPPORT POSTS:** These will be 2 3/8" (60.5mm) OD phosphate dipped steel tubing finished with polyester powder coating, or hot dipped galvanized.
- PIPE JUNCTIONS:** These will be steel, 8" (200mm) diameter with integrated holes for pipe connections, finished with either polyester powder coating or hot dipped galvanization. Junction caps are affixed with stainless steel bolts.
- CLIMBING NETS:** These will be 20 mm diameter, polyamide (nylon) rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing 24 galvanized steel reinforcing strands within a polyamide sleeve, wrapped around a solid polyamide core for a total of 144 steel reinforcing strands; each end of the cable having a junction loop attached onto the cable with a finished aluminum sleeve and lined with a galvanized steel wear bar. 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 (667 kN) to prevent the connection from moving and causing premature cable wear.
- TENSIONING:** Tensioning is achieved by way of a galvanized threaded eyebolt and shackle located at each Pipe Connection capable of drawing the cables a minimum of 4" (100mm).
- BASIC FASTENERS:** All fasteners for component attachments are stainless steel.

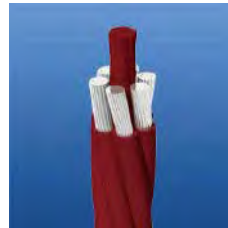
- FOUNDATION:** These will be 10" (250mm) square steel plates, 1/8" (3mm) thick, bolted to concrete blocks and attached to the main structure with 12" (300mm) long, 2 3/8" (60.5mm) OD steel tubing, all finished with either polyester powder coating or hot dipped galvanization.
- ANCHOR BOLTS:** Mounting 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.
- SURFACE MOUNT:** Optionally, the product may be surface mounted utilizing 6" (150mm) long expansion bolts in place of the standard anchor bolts.
- INSTALLATION:** This should be installed only by a 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-Z614-07**  
**ASTM F-1487-11**  
**EN-1176**  
**CPSC Handbook for Public Playground Safety**



Support Posts



Pipe Junctions



Climbing Net - 20 mm



Ball Knot



Shackle



Footing



Anchor Bolt



Expansion Bolt