



Product Name	Standing Wave
Product Number	IM-1022
Size -- Length	10.10 m / 33' 2"
Size -- Width	2.36 m / 7' 9"
Size -- Height	2.81 m / 9' 3"
Foundations	6
Concrete Volume	2.48 m ³ / 87.6 ft ³

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	25	25	25
Use Zone -- Length	13.75 m / 45' 1"	13.75 m / 45' 1"	14.41 m / 47' 3"
Use Zone -- Width	6.14 m / 20' 2"	6.14 m / 20' 2"	6.80 m / 22' 4"
Fall Height	2.50 m / 8' 2"	2.50 m / 8' 2"	2.50 m / 8' 2"

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

Product Features:

SUPPORT POSTS:	This will be 5 9/16" (141.3mm) OD Schedule 40 aluminum pipe, finished with polyester powder coating.
CONTOURED POSTS:	This will be 8 5/8" (219.1mm) OD Schedule 40 aluminum pipe with a minimum 5/16" (7.9mm) wall thickness. These will be finished with polyester powder coating.
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. Rope shall achieve a Class 7-8 Colourfastness rating.
COCONUT ROPE:	This will be 120mm x 120mm square polypropylene rope connected to the structure with an eye-bolt system.
PENDULUM SEAT:	This will be a steel disc coated in a PAH free EPDM (ethylene propylene diene monomer) rubber. The rubber disc will be suspended with a galvanized steel chain covered in a protective rubber hose.
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.
IGLOO CONNECTOR:	This will be a stainless steel connector allowing for 1 plane of motion. The male end of the connector is secured to the rope ends with a stainless steel sleeve which is bolted to the female end on the frame.
BASIC FASTENERS:	All fasteners for component attachments are stainless steel.
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

ASTM F-1487

EN-1176

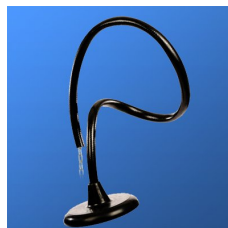
CPSC Handbook for Public Playground Safety



Climbing Net - 20 mm



Coconut Rope



Pendulum Seat



Ball Knot



Igloo Connector