



Product Name	Ripple Race
Product Number	IM-1027
Size -- Length	32.23 m / 105' 9"
Size -- Width	8.71 m / 28' 7"
Size -- Height	3.00 m / 9' 10"
Foundations	23
Concrete Volume	26.50 m ³ / 935.8 ft ³

	ASTM F-1487	CSA Z614	EN 1176
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Use Zone -- Length	35.91 m / 117' 10"	35.91 m / 117' 10"	36.73 m / 120' 6"
Use Zone -- Width	12.36 m / 40' 7"	12.36 m / 40' 7"	13.21 m / 43' 4"
Fall Height	2.63 m / 8' 8"	2.63 m / 8' 8"	2.63 m / 8' 8"

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

Product Features:

SUPPORT POSTS:	This will be 4 1/2" (114.3mm) OD Schedule 40 aluminum pipe, finished with polyester powder coating.
CONTOURED FRAME:	This will be 8 5/8" (219.08mm) OD Schedule 40 6061-T4 aluminum tubing with a minimum 21/64" (8.179mm) wall thickness.
PAINT PROCESS:	All exposed aluminum will be finished with polyester powder coating. Prior to the powder coating application, the surface will undergo sandblasting and will be treated with an electrostatic primer having a minimum thickness of 1.5 mils.
CLIMBING NETS:	These will be 20 mm diameter, polyester rope cable with UV protection and fire retardant solution. Each rope consists of 6 strands each containing at least 24 galvanized steel reinforcing strands within a polyester sheath, wrapped around a solid polymer core for a minimum of 144 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 tons 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

** This design is subject to change until the final drawing is approved by the client.



Climbing Net - 20 mm



Ball Knot



Igloo Connector