



2020-06-15

MAIN CORD ØEXT. 2.0" x 0.125"

SIZES

MAIN CORD ØEXT. 1.9" x 0.145"

WEIGHT Lbs (kg)	ITEMS	REFERENCES	Length	ITEMS	REFERENCES	WEIGHT Lbs (kg)
16 (7)	ACC-LA-	16 - 48	F.2_125 ← 48" →	ACC-LA-	16 - 48	F.9_145 16 (7)
18 (8)	ACC-LA-	16 - 60	F.2_125 ← 60" →	ACC-LA-	16 - 60	F.9_145 18 (8)
25 (11)	ACC-LA-	16 - 96	F.2_125 ← 96" →	ACC-LA-	16 - 96	F.9_145 25 (11)
31 (14)	ACC-LA-	16 - 120	F.2_125 ← 120" →	ACC-LA-	16 - 120	F.9_145 31 (14)

Other sizes also available in 24" / 36" / 72" / 84"

MATERIAL Truss & Spigots: extruded aluminum 6061-T6 / Pin: 1144 Stressproof
 ALL OUR TRUSSES ARE MANUFACTURED BY CERTIFIED WELDERS

Tel : 514-400-3336

info@therioinnovation.com



ALLOWABLE LOAD TABLE :

Span length		Uniformly Distributed Load				Center point		Third point		Quarter point					
		Load Capacity		Deflection		Load Capacity	Deflection	Load Capacity	Deflection	Load Capacity		Deflection			
ft	(m)	lb/ft	(kg/m)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)	lb	(kg)	in	(mm)
8	(2.44)	418	(623)	3347	(1518)	0.05	(1.2)	2822	(1280)	0.06	(1.6)	1680	(762)	0.06	(1.5)
10	(3.05)	344	(512)	3440	(1560)	0.10	(2.4)	2252	(1021)	0.10	(2.5)	1689	(766)	0.13	(3.2)
16	(4.88)	174	(259)	2784	(1263)	0.32	(8.1)	1392	(631)	0.26	(6.5)	1044	(474)	0.33	(8.3)
20	(6.1)	110	(164)	2204	(1000)	0.50	(12.6)	1102	(500)	0.40	(10.2)	827	(375)	0.51	(12.9)
24	(7.32)	76	(112)	1814	(823)	0.72	(18.2)	907	(411)	0.58	(14.7)	680	(309)	0.73	(18.6)
30	(9.14)	47	(70)	1417	(643)	1.12	(28.4)	708	(321)	0.91	(23.1)	531	(241)	1.14	(29)
32	(9.75)	41	(61)	1316	(597)	1.27	(32.3)	658	(298)	1.04	(26.3)	493	(224)	1.30	(33)
40	(12.19)	25	(37)	1007	(457)	1.99	(50.5)	504	(228)	1.64	(41.6)	378	(171)	2.03	(51.5)
48	(14.63)	17	(25)	792.7	(360)	2.87	(72.8)	396	(180)	2.38	(60.6)	297	(135)	2.92	(74.1)
50	(15.24)	15	(22)	748.5	(340)	3.11	(79)	374	(170)	2.60	(65.9)	281	(127)	3.17	(80.4)

Load per applied point

NOTES :

- Capacities shown in this table are valid for structures manufactured after January 2020.
- Trusses must be loaded uniformly on both sides of their longitudinal axis.
- Loads must be applied to or as close as possible to the nodes of the trusses.
- Deflection of truss is theoretical and based solely on their rigidity.
It therefore does not take into account of the possible movement between the truss sections due to the tolerance of the pins.
- Datas are valid for indoor use only.
- Trusses are hung from the top chord only.
- Data are valid only for static loads and span, with two support points (one at each end).
If dynamic loads or more attachment points are needed, contact Therio Innovation.



2020-06-15