

## ModTruss 6" x 6" Extrusion (*Without Splice*) Load Table

Extrusion Span Feet (Meters)	Uniformly Distributed Load (Point load divide by feet)		Center Point Load (Point load divide by 1)		Third Point Load (Point load divide by 2)		Quarter Point Load (Point load divide by 3)		Fifth Point Load (Point load divide by 4)	
	Total Load Pounds UDL (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	6,774 (3,072.64)	0.26 (6.60)	16,935 (7,681.59)	0.21 (5.33)	12,701 (5,761.08)	0.27 (6.85)	8,468 (3,841.02)	0.25 (6.35)	7,056 (3,200.55)	0.26 (6.60)
10 (3.04)	1,069 (484.89)	0.67 (17.01)	6,618 (3,001.87)	0.67 (17.01)	3,841 (1,742.25)	0.66 (16.76)	2,780 (1,260.99)	0.67 (17.01)	2,206 (1,000.63)	0.67 (17.01)
15 (4.57)	310 (140.61)	1.00 (25.40)	2,877 (1,304.98)	1.00 (25.40)	1,669 (757.05)	0.99 (25.14)	1,208 (547.94)	1.00 (25.40)	959 (434.99)	1.00 (25.40)
20 (6.09)	125 (56.70)	1.34 (34.03)	1,547 (701.71)	1.33 (33.78)	898 (407.33)	1.33 (33.78)	650 (294.84)	1.33 (33.78)	516 (234.05)	1.33 (33.78)
25 (7.62)	59 (26.76)	1.67 (42.41)	916 (415.49)	1.67 (42.41)	531 (240.86)	1.66 (33.78)	385 (174.63)	1.67 (42.41)	305 (138.35)	1.67 (42.41)
30 (9.14)	30 (13.61)	2.00 (50.80)	558 (253.11)	2.00 (50.80)	324 (146.96)	1.99 (50.54)	235 (106.59)	2.00 (50.80)	186 (84.37)	2.00 (50.80)

## ModTruss 6" x 6" Extrusion (*Internal Splice Tube*) Load Table

Extrusion Span Feet (Meters)	Uniformly Distributed Load (Point load divide by feet)		Center Point Load (Point load divide by 1)		Third Point Load (Point load divide by 2)		Quarter Point Load (Point load divide by 3)		Fifth Point Load (Point load divide by 4)	
	Total Load Pounds UDL (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)	Total Load Pounds (kgs)	Deflection Inches (mm)
5 (1.52)	1,487 (674.49)	0.06 (1.52)	5,717 (2,593.18)	0.07 (1.77)	3,718 (1,686.45)	0.08 (2.03)	2,479 (1,124.45)	0.07 (1.77)	1,859 (843.22)	0.07 (1.77)
10 (3.04)	564 (255.82)	0.36 (9.14)	2,822 (1,280.03)	0.29 (7.36)	2,116 (959.80)	0.37 (9.39)	1,411 (640.01)	0.34 (8.63)	1,176 (533.42)	0.36 (9.14)
15 (4.57)	245 (111.13)	0.80 (20.32)	1,840 (834.61)	0.65 (16.51)	1,380 (625.95)	0.83 (21.08)	920 (417.30)	0.77 (19.55)	767 (347.90)	0.81 (20.57)
20 (6.09)	125 (56.70)	1.34 (34.03)	1,337 (606.45)	1.17 (29.71)	898 (407.33)	1.33 (33.78)	650 (294.84)	1.33 (33.78)	516 (234.05)	1.33 (33.78)
25 (7.62)	59 (26.76)	1.67 (42.41)	916 (415.49)	1.67 (42.41)	531 (240.86)	1.66 (42.16)	385 (174.63)	1.67 (42.41)	305 (138.35)	1.67 (42.41)
30 (9.14)	30 (13.61)	2.00 (50.80)	558 (253.11)	2.00 (50.80)	324 (146.96)	1.99 (50.54)	235 (106.59)	2.00 (50.80)	186 (84.37)	2.00 (50.80)

Information extracted from the structural report by Clark Reder Engineering | 10091 Mosteller Lane | West Chester OH 45069 | Ph 513-851-1223 | Date: 10/16/2018 | CRE Project No. 17.419.07 | Drawn by: JMR/TAK | S1.1

