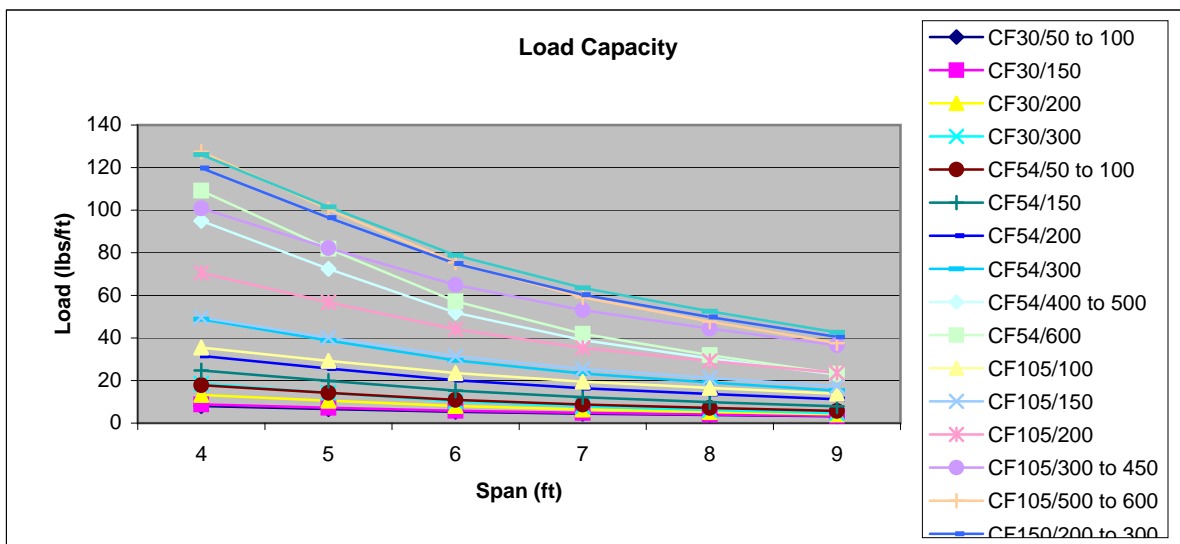


# CABLOFIL<sup>INC</sup>

INNOVATORS IN CABLE MANAGEMENT

Maximum load in Lb/ft according to span						
Cable tray :	4'	5'	6'	7'	8'	9'
CF 30/50	8.02	6.60	5.31	4.47	3.82	3.23
CF 30/100	8.02	6.60	5.31	4.47	3.82	3.23
CF 30/150	8.79	7.20	5.75	4.77	4.04	3.37
CF 30/200	13.21	10.54	8.07	6.40	5.22	4.14
CF 30/300	18.59	14.17	10.20	7.86	6.20	4.69
CF 54/50	17.82	14.24	10.91	8.68	7.14	5.72
CF 54/100	17.82	14.24	10.91	8.68	7.14	5.72
CF 54/150	24.75	19.83	15.29	12.15	9.86	7.86
CF 54/200	31.57	25.64	20.16	16.39	13.65	11.22
CF 54/300	48.77	38.75	29.48	23.33	19.07	15.23
CF 54/450	94.99	72.43	51.86	38.97	30.37	22.85
CF 54/500	94.99	72.43	51.86	38.97	30.37	22.85
CF 54/600	109.17	81.93	57.16	41.90	31.91	23.22
CF 105/200	70.53	56.75	44.00	35.32	29.14	23.63
CF 105/300	100.83	82.20	64.93	53.03	44.40	36.63
CF 105/450	100.83	82.20	64.93	53.03	44.40	36.63
CF 105/500	127.45	100.38	75.47	59.06	47.68	37.57
CF 105/600	127.45	100.38	75.47	59.06	47.68	37.57
CF 150/300	119.80	96.49	74.94	60.30	49.86	40.50
CF 150/450	126.10	101.53	78.85	63.50	52.49	42.64
CF 150/500	126.10	101.53	78.85	63.50	52.49	42.64
ZF 150/600	126.10	101.53	78.85	63.50	52.49	42.64



The safe working load is the load applied when deflection = Length of span (L) divided by 100(per IEC 61537) or 200 (per Cablofil).

L/100 is maximum acceptable deflection per IEC 61537. At a 6' support span, however this is nearly 3/4" allowable deflection. European cable tray have adopted a more conservative value of L/200 instead.

At L/200 max deflection, a 6' span may deflect only 0.36"

*Therefore, our Safe Working Load capacities are measured more conservatively than is required by IEC 61537.*

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Below is a typical test setup arrangement for deflection testing of cable tray.

