



8" X 48" HOLLOWCORE

(2 HOUR FIRE RATING)

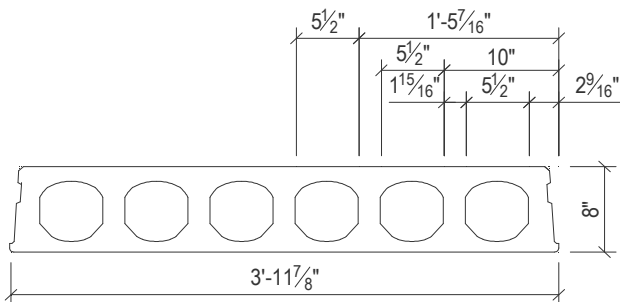
SAFE LOAD TABLE

Standard Designation	#/Size of 7-Wire strand	Strand Area Sq.In.	Mu in Ft.-Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																																			
				10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					
1.75-28510	2-1/2,5-.6	1.391	145.03																	165	157	150	143	137	131	122	112	103	95	87	80	74	68	62					
1.75-78	7-1/2	1.071	115.66										228	215	203	192	182	173	157	142	129	117	107	97	88	80	73	67	61	55	50	45	41						
1.75-77	7-7/16	0.805	89.52																																				

UNIFORMLY DISTRIBUTED SUPERIMPOSED LOAD IN LBS. PER SQ. FT.

(Includes the live load plus dead load that is in addition to the weight of the grouted slabs in place.)

FOR LOADS & SPANS NOT SHOWN CONTACT MID-STATES CONCRETE INDUSTRIES



- 1- Dead Load, 62 psf grouted weight of structural unit.
- 2- Tabulated loads are based on ACI318-02 where $M_u=1.4 M_d+1.7 M_L$ and with all loads superimposed on the structural section considered as live load.
- 3- Camber is a result of the design rather than a design requirement. Heavy superimposed loads & / or long spans may cause excessive camber. Contact Mid-States Concrete Industries for more specific camber information.
- 4- Loads to the left of the solid stepped line are governed by shear.

HOLLOWCORE: F'c = 9000 psi, WEIGHT = 62 psf
GROUT: F'c = 5000 psi

