



## 8" X 48" HOLLOWCORE

(3 HOUR FIRE RATING)

**SAFE LOAD TABLE**

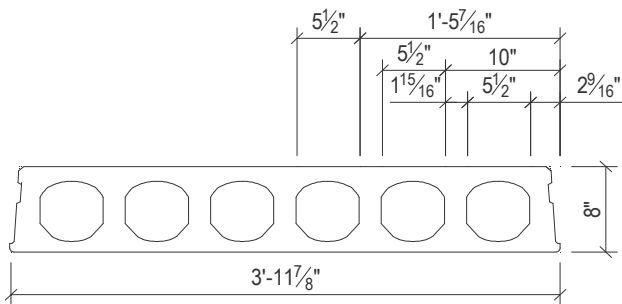
Standard Designation	#/Size of 7-Wire strand	Strand Area Sq.In.	Mu in Ft.-Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																																					
				10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40							
1.75-28510	2-1/2,5-.6	1.391	145.03															228	215	203	192	182	173	157	142	128	116	105	95	86	77	70	63	56	50	45	40	35			
1.75-78	7-1/2	1.071	115.66								296	276	258	242	225	199	177	157	140	125	111	99	88	79	70	62	55	49	43	37	32	28	23								
1.75-77	7-7/16	0.805	89.52							318	278	240	208	181	158	139	121	107	93	82	72	62	54	47	40	34	29	24													

**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<sub>c</sub> = 9000 psi, WEIGHT = 62 psf  
GROUT: F<sub>c</sub> = 5000 psi

