



12" X 48" HOLLOWCORE

(2 HOUR FIRE RATING)

SAFE LOAD TABLE

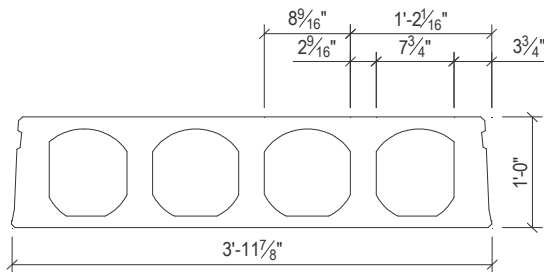
Standard Designation	#/Size of 7-Wire strand	Strand Area Sq.In.	Mu in Ft.-Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																															
				20	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
1.75-28910	2-1/2,9-.6	2.259	392.42						327	315	303	292	281	271	262	253	245	237	223	210	197	185	173	163	153	144	135	127	120	112	106	99	93	88	
1.75-28610	2-1/2,6-.6	1.608	292.82		388	371	355	341	318	293	271	251	233	216	201	187	174	161	150	140	130	121	113	105	98	91	84	78	73	67	62	58	53	49	
1.75-88	8-1/2	1.224	228.62		333	304	278	255	234	215	198	182	168	155	142	131	121	112	103	95	87	80	74	68	62	57	52	47	43	38	34	30	26	23	
1.75-78	7-1/2	1.071	202.07	523	287	261	238	218	199	182	167	153	141	129	118	109	100	91	84	76	70	64	58	52	47	43	38	34	29	25	21				
1.75-58	5-1/2	0.765	147.29	368	191	173	156	141	127	115	104	94	85	76	69	62	55	49	43	37	32	27	22												

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, 79 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 = 79 psf
GROUT: F'c = 5000 psi

