



12" X 48" HOLLOWCORE

(3 HOUR FIRE RATING)

SAFE LOAD TABLE

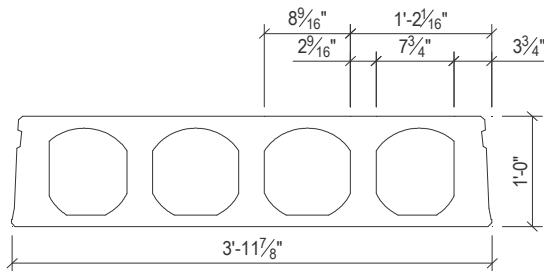
Standard Designation	#/Size of 7-Wire strand	Strand Area Sq.In.	Mu in Ft.-Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																															
				20	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
1.75-28910	2-1/2,9-.6	2.259	392.42		388	371	355	341	327	315	299	277	256	237	220	204	189	176	163	152	141	131	121	112	104	96	89	82	76	70	64	59	54	49	
1.75-28610	2-1/2,6-.6	1.608	292.82	523	336	306	279	255	233	213	195	179	164	150	138	126	115	106	96	88	80	73	66	60	54	48	43	38	33	29	25	21			
1.75-88	8-1/2	1.224	228.62	461	240	217	196	178	161	146	132	119	108	97	88	79	71	63	56	49	43	38	33	28	23										
1.75-78	7-1/2	1.071	202.07	395	202	181	163	147	132	118	106	95	85	76	67	60	52	46	40	34	29	24													
1.75-58	5-1/2	0.765	147.29	262	123	108	95	83	73	63	54	46	39	33	26	21																			

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

