

500 South Park Avenue South Beloit, IL 61080 800.236.1072 msprecast.com

8" X 48" HOLLOW CORE

(4 HOUR FIRE RATING) see note 6

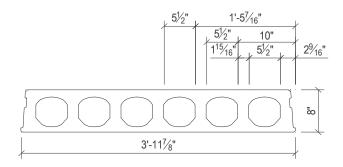
SAFE LOAD TABLE

Standard	#/Size of 7-Wire	Strand Area	Mu in Ft Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																														
Designation	strand	Sq.ln.		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	2-1/2,56	1.391	145.04	545	470	408	358	315	285	256	232	211	250	220	194	171	151	134	118	105	93	82	72	63	55	48	42							
1.75-78	7-1/2	1.071	115.67	463	396	344	303	269	240	215	195	177	181	157	137	119	104	90	78	68	58	50	42	36										

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



HOLLOW CORE: F'c = 9000 psi, WEIGHT = 62 psf

- 1- Dead Load, 62 psf grouted weight of structural unit.
- 2- Tabulated loads are based on ACI318-14 where M_u =1.2 M_d +1.6 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- Shaded red values governed by Mcr criteria at partially developed strands.
- 5- All strand stresses to 65% of ultimate.
- 6- Plank needs cementitious topping for 4 hr. heat transmission to be met.

