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## 10" X 48" HOLLOWCORE

(3 HOUR FIRE RATING)

SAFE LOAD TABLE

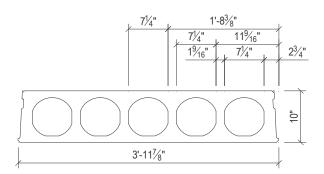
03.31.17

Standard Designation	#/Size of 7-Wire	Strand Area Sq.ln.	Mu in Ft Kips per unit	SIMPLE SPAN IN FEET-CENTER TO CENTER OF END BEARINGS																														
	strand			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
1.75-108	10-1/2	1.530	218.46														252	239	227	217	207	197	185	169	154	140	128	116	106	97	88	80	72	65
1.75-28410	2-1/2,46	1.174	172.63									337	317	298	281	266	244	219	196	176	159	143	129	116	104	94	84	75	67	60	53	47	41	36
1.75-68	6-1/2	0.918	137.87					450	416	386	360	334	293	258	227	201	178	158	141	125	111	99	87	77	68	60	52	45	39	33	28	23		
1.75-67	6-7/16	0.690	105.59	651	587	534	488	435	370	317	273	236	205	179	156	136	119	104	90	78	68	58	50	42	35	29	23							

## 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, 72 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 = 72 psf GROUT: F'c = 5000 psi