



MID-STATES
CONCRETE INDUSTRIES

500 South Park Avenue

South Beloit, IL 61080

800.236.1072

msprecast.com

12" X 48" HOLLOW CORE

(3 HOUR FIRE RATING)

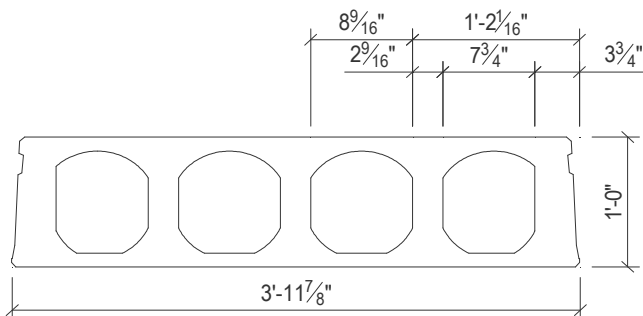
SAFE LOAD TABLE

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	21	22	23	24	25	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
1.75-28910	2-1/2,9-.6	2.259	392.42	493	466	442	421	401	382	365	349	335	321	309	297	286	275	256	237	220	204	189	176	163	152	141	131	121	112	104	96	89	82	76
1.75-28610	2-1/2,6-.6	1.608	292.82	493	466	442	421	401	370	336	306	279	255	233	213	195	179	164	150	138	126	115	106	96	88	80	73	66	60	54	48	43		
1.75-88	8-1/2	1.224	228.62	461	411	367	329	296	266	240	217	196	178	161	146	132	119	108	97	88	79	71	63	56	49	43								
1.75-58	5-1/2	0.765	147.29	262	231	203	179	158	140	123	108	95	83	73	63	54	46																	

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 = 79 psf

- 1- Dead Load, 79 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 blue values are governed by shear.
- 5- All strand stresses to 65% of ultimate.